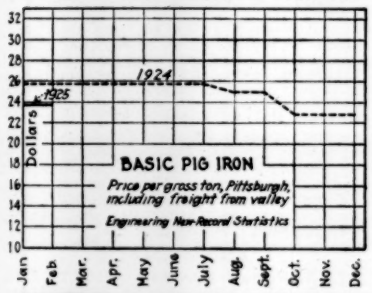
CONSTRUCTION NEWS

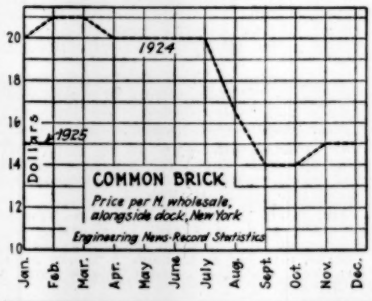
Engineering News-Record, February 5, 1925

The Construction Barometer

Materials Prices Either Rising or Firm at Present Levels—Few Declines—Common Labor Cheaper—Lettings for Private Projects Have Been Gaining Over Entire U. S. for Past Three Weeks

PRICES of construction materials in the current market are either rising or remaining fairly firm at present levels. This is due mainly to the approach of the spring building season, not six weeks away. Seasonal unemployment, aggravated by severe weather conditions, has made unskilled, unorganized, common laborers more plentiful throughout the northern sections of the country, with a consequent drop in the average common labor rate. Since the week of Jan. 15, consistent gains in contract letting have been noted, as follows: Private projects for the entire United States; industrial and private, commercial buildings in the Middle Atlantic States; industrial buildings and water-works in the West; and Federal Government construction in the South. Judging from proposals recorded up to the week of Jan. 29, inclusive, this trend will continue to be followed.





Engineering News-Record Statistics

Minimum on water-works and excavations, $15,000; other public work, $25,000; industrial buildings, $40,000; commercial buildings, $150,000.

Value of Large Contracts Let In The United States

Week Ended	Public Work	Private Work	Total Contracts
Jan. 15	$14,189,000	$20,722,000	$34,911,000
Jan. 22	7,940,000	24,281,000	32,221,000
Jan. 29	9,194,000	85,927,000	95,121,000
3 weeks	$31,323,000	$130,930,000	$162,253,000

Large Building Contracts—Number and Value

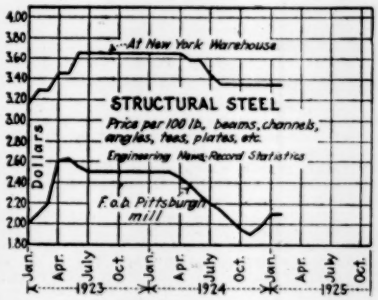
	Commercial—Public		Commercial—Private		Industrial	
Week Ended	No.	Thousand	No.	Thousand	No.	Thousand
Jan. 15	11	$3,149	43	$13,346	15	$2,051
Jan. 22	10	2,656	54	21,930	8	1,071
Jan. 29	5	778	37	24,384	34	61,518
3 weeks	26	$6,583	114	$59,660	57	$64,640

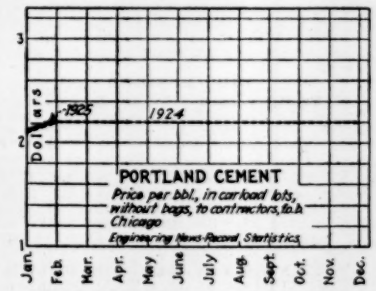
Number Of Large Jobs Now Out For Bids

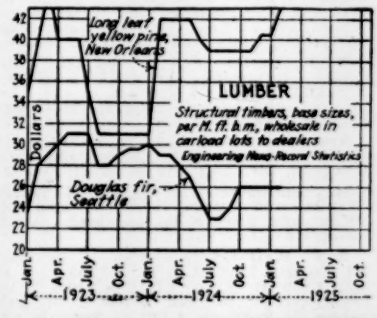
Week Ended	Private	Commercial Buildings	Streets and Roads	Waterworks and Sewers	All Public
Jan. 15	27	37	27	36	140
Jan. 22	22	47	48	25	158
Jan. 29	27	43	31	24	144

Materials Prices Firmer—Common Labor Cheaper

	Quoted on Feb. 5 at	Last Price Change Was	On
Structurals, Pittsburgh, 100 lb.	$2.00 @2.10	$1.85 @2.10	Dec. 4
Cement, Chi., net bbl.	2.20	2.10	Jan. 15
Pine, N. Y., M. ft.	60.00	57.00	Jan. 15
Fir., San Fran., M. ft.	29.00	31.00	Oct. 30
Common labor, hr.	.54	.55½	Jan. 29







Waterworks

PROPOSED WORK

Mass., Bridgewater—City plans to purchase Bridgewater Water Co.'s plant and improve same and water system to properly take care of future fires. $290,000.

Mass., Onset—Plans water system improvements incl. new mains, etc. $150,000 bond issue. Engineer not selected.

N. C., Sanford—Plans enlarging water supply by substituting 24 in. c.i. mains for existing 8 in. mains, etc. To exceed $25,000.

Fla., South Jacksonville (Ind. Br. Jacksonville)—See "Streets and Roads."

Tenn., McKenzie—Plans waterworks improvements, incl. pumps, restoring 2 wells, etc. C. R. Woods, supt. Water & Light Co.

Tenn., Trezevant — Making tentative plans for new waterworks system. $35,000 bond issue contemplated.

Ill., Carthage — Takes bids in March, waterworks, pumping equipment, tank on tower, distribution mains, etc. $150,000. Caldwell Eng. Co., 502 Ayers Bank Bldg., Jacksonville, engrs.

Minn., Fergus Falls—City plans election to vote $20,000 bonds for water main extensions. H. J. Collins, city clk.

S. D., Aberdeen—L. Kohloff, city aud. plans waterworks, $150,000 bonds will be voted.

Mo., Buffalo — Defeated $45,000 bonds waterworks. Noted Jan. 8.

Mo., St. Louis—See "Streets and Roads."

Tex., Brady — Voted $100,000 bonds waterworks extensions, incl. mains and pumps. E. L. Jones, mayor. Engineer not selected. Noted Jan. 29.

Tex., Elgin—Making plans pumping system and extensions. $50,000. Terrell-Bartlett, Calcasieu Bldg., San Antonio, engrs.

Tex., Galveston—Takes bids after Feb. 1, 8 m.g. steel or rein.-con. tank, or four 2 m.g. steel or rein.-con. tanks. $100,000. W. A. Masterson, supt. Waterworks. Noted Jan. 1.

Tex., Hillsboro—Election Feb. 24, $25,000 bonds water and sewer extensions. Address A. M. James, city secy.

Tex., Killeen—Election Feb. 18 to vote $16,000 bonds waterworks improvements. H. N. Law, mayor.

Waterworks (Continued)

Tex., Lamesa — Voted $40,000 bonds, mains and provide pumping equipment. J. Walker, mayor. Engineer not selected. Noted Jan. 8.

Tex., San Saba—See "Sewers."

Okla., Bartlesville—City Commissioners plan to purchase privately owned waterworks and distribution system and if sale is consummated present plant will be rehabilitated, incl. larger distribution mains, 6 m.g. storage reservoir, and new water supply secured from either Butler Creek or Caney River. $750,000. Burns & McDonnell, Interstate Bldg., Kansas City, Mo., consult. engrs. Noted Apr. 3.

Okla., Morrison—Voted $27,000 bonds for new waterworks, incl. 20,900 ft. 2- to 6-in. c.i. pipe, well, pump, tank, valves, hydrants, etc. H. Olmsted, 2230 West 18th St., Oklahoma City, engr. Noted Jan. 22.

Okla., Wewoka—Voted $150,000 bonds for large dam and pipe line. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Jan. 22.

Wash., Shelton—City Council considering plans prepared by Burns-McDonnell-Smith Eng. Co., 45 Marsh-Strong Bldg., Los Angeles, Calif., for waterworks improvements incl. 2,000 ft. wood, 8,500 ft. 8 in. steel pipe line, also 25,000 gal. tank with 1 m.g. reservoir. $64,000.

Wash., Wenas—See "Excavation, Drainage, Irrigation, Levees."

Calif., Huntington Park—Voted $31,000 bonds to purchase present water system (privately owned) and $24,000 bonds to finance 200,000 gal. elevated, steel tank and tower and 100,000 gal. rein.-con. reservoir, centrifugal pump, electric motor and fire hydrants. Noted Dec. 4.

Calif., North Sacramento (Sacramento P. O.)—See "Excavation, Drainage, Irrigation, Levees."

Calif., North Sacramento (Sacramento P. O.)—North Sacramento Light & Water Co., 825 Jay St., Sacramento, making plans furnishing domestic supply, 5,280 ft. 30 in. riveted steel pipe, five 8 in. centrifugal pumps, capacity 4 sec.ft., 80 ft. total, direct connected to 300 hp. electric motors, $25,000 or more. Private plans.

Calif., Wheatland—City plans to purchase emergency pumping plant for waterworks.

BIDS DESIRED

N. Y., Mt. Vernon—Feb. 20, by Bd. Water Supply, 19 Prospect Ave., extending waterworks. N. S. Hill, Jr., 112 East 19th St., New York City, consult. engr.; adv. E. N.-R. Feb. 5.

N. Y., New York—Mar. 16, by J. E. Bowe, comr. Purchase, Municipal Bldg., furnishing, delivering, unloading, stacking and storing c.i. pipe, special and valve box castings, hydrants, etc., to Dept. Water Supply, Gas & Electricity.

N. Y., North Tarrytown—Feb. 20, by Bd. Village Trustees, at office T. A. Quinn, clk., Beekman Ave., constructing water supply system. Wulff Eng. Co., Natl. Bank Bldg., Tarrytown, engrs.; adv. E. N.-R. Feb. 5.

N. Y., Oneida—Feb. 20, by Bd. Water Comrs., furnishing (1) $12,300 tons c.i. pipe and 60 tons c.i. specials, or (2) 6,200 tons c.i. pipe and 40 tons specials; adv. E. N.-R. Feb. 5.

N. J., Sea Girt—Feb. 24, by Boro Council, 150,000 gal. elevated steel water tank. C. A. Bond, Jr., boro clk., adv. E. N.-R. Feb. 5.

Md., Baltimore—Feb. 11, by Bd. Wards, c.i. pipes and fittings, 150,000 lb. lead substitute and 250,000 lb. pig lead. V. B. Siems, City Hall, engr.

N. C., West Jefferson—Feb. 18, by Town Bd. Comrs., 2,700 ft. 2 in., 13,800 ft. 6 in. and 1,400 ft. 8 in. c.i. pipe, five 2 in., twenty-five 6 in. and seven 8 in. gate valves, 36 hydrants, 1,300 c.i. specials, two 150,000 gal. concrete or steel reservoirs. Carolina Eng. Co., 917-919 Johnston Bldg., Charlotte, engrs.

Ky., Paintsville—Feb. 21, by City Clerk, pumping station, filter plant, motor driven centrifugal pumps, storage reservoir, mains, etc. J. N. Chester Co., Union Bank Bldg., Pittsburgh, Pa., engrs.; adv. E. N.-R. Feb. 5.

Mich., Bay City—Feb. 16, by W. H. Reid, city mgr., completing substructures for filtration plant, etc. Frazier, Ellms, Sheal Co., B. F. Keith Bldg., Cleveland, O., engrs.

Minn., Mankato—Feb. 9, furnishing about 211 tons c.i. pipe and special castings, incl. 110 pieces 8-in. B and S, Class C, c.i. pipe, 760 pieces 6-in., 70 pieces of 6-in. plain end, all 12-in. lengths and 8½ tons special castings. P. F. Comstock, city engr.

Minn., St. Paul—Feb. 10, by H. W. Austin, city purch. agt., 481 pieces c.i. water pipe, also gate valves and service connections boxes. C. M. Shepard, city engr.

Calif., Pismo Beach—Pismo Beach Water Co., taking bids complete water system, 2 wells, pumphouse, 1 motor driven high duty triplex pumping unit, 5,660 ft. 6 in. and 2,280 ft. c.i., w.i. or steel pipe, and one 16,000 gal. steel tank. Black & Veatch, Ferguson Bldg., Los Angeles, engrs.

Ont., Hamilton—A. McFaul, city engr., taking bids equipment for chlorination plant for waterworks.

Ont., St. Catharines—Feb. 17, by G. F. Peterson, chn. Waterworks Comn., 5 m.g. clear water reservoir, and mechanicel gravity filtration plant. $500,000. A. Milne, c/o Water Dept., engr.

BIDS RECEIVED

N. Y., Brooklyn — Bd. Water Supply, Municipal Bldg., New York City, Jan. 27, constructing Sect. 1 Williamsburg Conduit portion of city conduits of Catskill Aqueduct, here, Contr. 219, from Beaver Eng. Co., 57 Chambers St., New York City, $1,010,000. Noted Jan. 15.

Ill., Pinckneyville—Feb. 16, by P. J. C. Ham, city clk., 1,400 g.p.m. centrifugal pump, 500 g.p.m. pump and motor, two 600 g.p.m. pumps and motors and one 500 g.p.m. fire pump and gasoline engine. A. H. Beard, 616 Title Guaranty Bldg., St. Louis, Mo., engr. Noted Oct. 16.

Mich., Detroit—Feb. 16, by Comrs. Purchase & Supplies, Marquette Bldg., 30 disc water meters, 300 six in. standard fire hydrants, 15 four nozzle high pressure fire hydrants.

Kan., Kansas City—Feb. 10, by G. T. Darby, purch. agt., two 4 m.g. capacity motor driven centrifugal pumps for booster service. Noted Sept. 4.

Ark., Altheimer—Feb. 10, by Bd. Impvts. Waterworks Dist. 2, at office of J. Cohn, secy., 8,260 ft. 4 and 6 in. c.i. pipe, 16 standard 2 way fire hydrants, six 6 in. and seven 4 in. gate valves. G. B. Smith, 410 Citizens Bank Bldg., Pine Bluff, engr.

CONTRACTS AWARDED

Mass., Boston—Supply Dept., to Kennedy Valve Mfg. Co., Elmira, N. Y., twenty-four 8 in. gate valves $131.28 each, and twelve 12 in. gate valves $221.13 each. Noted Jan. 22.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Duncan and East 213 Sts., Allerton, Arrow, Byron, Colden, Fish, Hill, Hering, Laconia, Lurting, Mace, Mickle, Needham, Nereid, Seymour, Throop, Tenbroeck, Waking and Yates Aves., to C. DeBlasio, 339 7th Ave., Mt. Vernon, $14,889. Noted Jan. 29.

D. C., Wash.—Pipe Line—Dist. Comrs. constructing first high pipe line, here to Lock Joint Pipe Co., Ampere, N. J., $283,950. Noted Jan. 22.

N. C., Sanford—For 2 mi. 12 in. main, to Burlington Con. Co., Burlington, $28,000.

La., New Orleans—Waterworks on Hope Haven Farm, 6,000 ft. 6 in. c.i. pipe, medium weight, Class C valves and fittings, one 500 and one 200 gal. electric driven pump, sand and gravel filter, with 8 x 25 x 10 lb. pressure and 50,000 gal. tank with 110 ft. tower, to Stevens Constr. Co., Louisiana Bldg.

Wis., Milwaukee—Central Bd. Purchases, to W. P. Taylor Co., 218 Ellicott Sq., Buffalo, N. Y., 50 D boxes at $4.90 each, 450 D. D. boxes $5.20, 100 covers $0.75, 300 top sections $1.75, 50 D. D. middle sections $1.40 and 500 extension pieces $0.82; to U. S. Cast Iron and Fdry. Co., 122 South Michigan Blvd., Chicago, Ill., 125 tons special castings, consisting of 3 and 4 ways, curves, etc., at $90 per ton, 3,060.4 tons 54 in. straight c.i. pipe at $46.50 per ton, 21.75 tons 54 in. lugged pipe $66.50, 32.9 tons special castings $160. Noted Jan. 29.

N. D., Jamestown—State Bd. of Administration, Bismarck, waterworks improvements at State Hospital for Insane, here, including concrete reservoir well, 16 ft., in diam. and 37 ft. deep, 1 concrete pump pit, installing 2 motor driven pumps, constructing brick and tile pump house, electric transmission line, 2,400 ft., long, laying 1,050 lin. ft. 8 in. c.i. pipe etc. to Northern Constr. Co., Grand Forks, $19,419. E. G. Wanner, ex. sec.

Mo., St. Louis — Bill Hayes, Inc., 907 Majestic Bldg., Detroit, Mich., sublet contract 87,000 ft. 60 in. pipe, for pressure conduit from Howards Bend to Missouri River in St. Louis Co here, to J. McNeil & Bro. Co., 29th St., Pittsburgh, Pa.; also 13,000 tons steel plate for ppie, to be supplied by Carnegie Steel Co., Carnegie Bldg., for Bd. Pub. Serv., 208 City Hall. Noted Jan. 29.

Sewers

PROPOSED WORK

Conn., Wallingford — Making plans sewage disposal plant. To exceed $25,000. W. A. MacKensie, City Hall, engr.

Fla., South Jacksonville (Ind. Br. Jacksonville)—See "Streets and Roads."

Ill., Belleville—Making tentative plans straightening Richland Creek from northern to southern limits and connecting storm sewers with same, also disposal plant, etc. $600,000. Engineer not selected.

Mo., St. Louis—Soon takes bids rein.-con. sewer, 32 ft. wide and 25 ft. high in Sect. E of River Des Peres Project through Forst Park, $1,540,000; repairing existing sewers incl. extension of outlets into Mississippi River as follows, Lesperance Sewer $45,000, Biddle-O'Fallon Sewer $74,500, Trudeau St. Sewer $56,000, and Fillmore St. Sewer $54,000. Noted Jan. 15.

Tex., Hillsboro—See "Waterworks."

Tex., Killeen—Election Feb. 18, to vote $36,000 bonds for sanitary sewer system. H. N. Law, mayor.

Tex., Lamesa—Voted $50,000 bonds extending sewer mains and provide disposal plant. J. Walker, mayor. Engineer not selected. Noted Jan. 8 under "Waterworks."

Tex., San Saba—Defeated $60,000 bonds for sewers. New election soon for sewers and waterworks systems. Address mayor. Noted Dec. 25.

Okla., Wewoka—Voted $50,000 bonds for 6 mi. extension to sanitary sewerage system. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Jan. 8.

Calif., Glendale—City Clerk takes bids about Feb. 19, 75,772 ft. 8- to 18-in. concrete sewers in various streets. Burns, McDonnell-Smith, 415 Marsh-Strong Bldg., Los Angeles, engrs.

Calif., Hermosa Beach — Voted $200,000 bonds for sewer lateral and $350,000 bonds for main sewer. Noted Jan. 1.

Calif., Los Angeles — Los Angeles Co. making plans drainage conduit and pipe line between Norwich Dr. and La Cienega Blvd., 29,300 ft. 6- to 10-in. concrete and 20,480 ft. 24- to 72-in. rein.-con. pipe, 218,000 cu.yd. excav., 4,750,000 lbs. reinforcing, 6,000 cu.yd. sand and gravel, 117 manholes, 40,000 ft. piling, etc. $1,800,000. A. K. Warren, Hall of Records Bldg., engr.

Calif., Venice—Voted $325,000 bonds, 24 in. sewers between here and Del Ray, connecting with Los Angeles outfall. H. D. Chapman, city engr. Noted Oct. 9.

Calif., Santa Barbara—Making revised plans sewers in Garden St., etc. Former bids rejected. Noted Jan. 29.

BIDS DESIRED

N. Y., Long Island City—Feb. 13, by M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., sanitary sewers in 150th, Sutter, North Conduit and Pitkin Aves., Judith, 75th (Ruby) and 76th (Emerald) Sts.

Md., Baltimore—Feb. 11, by Bd. Awards, 7,500 ft. 8- to 48-in. sewers in Storm Water Contr. 80. B. L. Crozier, City Hall, engr.

Ala., Mobile—See "Streets and Roads."

O., Portsmouth—Feb. 19 by C. W. Wilson, dir. Pub. Serv., for separate sanitary and storm sewers. C. S. Stevenson, city engr., adv. E. N.-R. Feb. 5.

Ill., Elgin — March 2, by Bd. Trustees Sanitary Dist. of Elgin, 12 Spurling Blk., equipment for sewage pumping stations. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, consult. engrs.; adv. E. N.-R. Feb. 5.

Wis., Milwaukee—Feb. 9, by D. W. Hoan, chn., Central Bd. Purchases, five hundred twenty-five 3 and 4 flange frame and gates with side inlet boxes and 100 standard manhole covers.

Minn., Winona—Feb. 9, constructing 2.3 mi. sewer main and about 725 lin.ft. of 12 in. c.i. discharge mains, in 5th Sewer Dist. $25,000. E. E. Chadwick, city engr.

CONTRACTS AWARDED

Conn., Wallingford—For 10,000 ft. concrete sewers in North Main St., to O'Neil Bros., 983 Main St., Hartford.

N. Y., Brooklyn—J. A. Guider, boro pres., Boro Hall, (*e. e. means engineers estimate*) sewers in West 5th St., to C. F. Vacharas, 645 40th St., 71% e. e. $350,000; in Lefferts Ave. and 96th St., to Nazzarro & Guerriero, Inc., West 9th St., 69% e. e. $4,233 and 70% e. e. $1,348 respectively; Liberty Ave., to Tomasetti & Co., Inc., 1133 60th

Sewers (Continued)

St., 78% e. e. $9,557; Bergen Pl., to A. Ialenti, 67% e. e. $2,058. Noted Jan. 22.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., sewers in Queens Blvd., to J. Gallo, 203 Division St., Brooklyn, $138,103; Laburnum Ave., to Kennedy & Smith, 93 Amity St., Flushing, $168,793. Noted Jan. 22.

Fla., Sarasota—For 3 complete sanitary sewerage systems, 49,300 ft. pipe in trenches 0 to 8 ft. depth, to J. L. Walker Co., 231 Court St., Hamilton, O., $65,000; remodeling 3 septic tanks, pump screens, 1 pumping station, 7,600 ft. 10 and 12 in. force mains, etc., to Erler Corp., Tampa, $26,000. Noted Oct. 2.

O., Canton—City, sewage disposal plant addition, incl. 3 sets of sedimentation tanks, sprinkling filters complete, 41,500 cu.ft. earth excav., etc., to Holmes Constr. Co., Wooster, $829,000. Engrs. est. $800,000. Noted Nov. 20.

Kan., Ft. Dodge—State Soldiers Home, 15,300 ft. 6- to 10-ft. vitr. clay pipe, 9 manholes, 2 flush tanks, etc., 2,800 ft. 2 and 6 in. c.i. pipe, 16 gate valves, etc., to Carrothers Constr. Co., 310 Walsix Bldg., Kansas City, Mo., $37,650.

Tex., Cameron — Sewage disposal plant with septic tanks, dosing chamber, filter beds, sludge beds, excavating, etc., to Thomas & Ratliff, Rogers, $22,864. Noted Dec. 18.

Tex., Mission—Sewerage system, mains, laterals, etc., in various streets, to N. A. Saigh Co., 202 Gibbs Bldg., San Antonio, $34,868; disposal plant, to H. J. Wilson, Pharr, $21,700. Noted Jan. 15.

Calif., Los Angeles — South Bay Cities Sanitation Dist., Los Angeles Co., 700 Hall of Records Bldg., 2 pumping stations, 4 pumps, and 28,644 ft. 24- to 30-in. rein.-con. sewer, etc. from point 10 ft. south of boundary line between Hermosa and Redonda, to J. C. Duncan, 5128 Fairmont Ave., Eagle Rock, $344,970. Engrs. est. $350,000. Noted Jan. 1.

Waste Disposal

PROPOSED WORK

Mass., Lynn—H. S. Johnson, city purch. agt., City Council Chambers, taking bids complete rein.-con. and brick incinerator plant, 80 ton daily capacity, near municipal stables on Gas Wharf. $200,000. Private plans.

Pa., Sharon—Feb. 17, garbage incinerator. L. E. Burnside, City Bldg., city engr.; adv. E. N.-R. Feb. 5.

Bridges

PROPOSED WORK

Mass., Boston — Dept. Pub. Wks., City Hall, plans reconstructing Massachusetts Ave. Bridge over tracks of Providence Div. of New York, New Haven & Hartford R.R. To exceed $25,000. J. A. Rourke, comr.

S. C., Charleston—State Hy. Dept. takes bids soon viaduct over Atlantic Coast Line and Southern Railway System tracks at Five Mile on King St. Extension project. $100,000. J. Parker, 602 Peoples Bldg., state highway bridge engr.

Miss., Gulfport—See "Streets and Roads."

Tennessee—See "Streets and Roads."

O., Akron—Summit Co., plans new South Street Bridge over Little Cuyahoga River, $25,000-$30,000. R. E. Willems, Court House, engr.

Wis., Racine—Making plans 180 to 190 ft., 3 span, concrete and steel bridge over Root River at Mead St. J. W. Beaugrand, city engr. Noted Jan. 29.

Wis., Superior—E. B. Banks, city engr., prepared plans and soon takes bids extending North 21st St. Viaduct, 400 ft. long, 140 ft. wide, concrete and steel, over Northern Pacific, and Duluth, South Shore & Atlantic R.R. tracks, for city. $200,000.

Tex., Beaumont — Election Feb. 16, to vote $300,000 bonds for city's share of cost for viaduct across Southern Pacific Ry. tracks. R. C. Black, city engr. Noted Dec. 4.

Tex., Floresville — See "Streets and Roads."

Missouri—State Hy. Dept., Jefferson City, making plans one 51 ft. rein.-con. deck girder span, etc., over Missouri & Pacific R.R. tracks, also eight 8 ft., four 10 ft. and one 40 ft. rein.-con. slab spans, etc., all Johnson Co.; four 60 ft. steel truss and four 30 ft. I-beam spans, etc., over west fork Grand River and one 45 ft. rein.-con. deck girder span, etc., over east fork Joy Creek, both Worth Co.; two 8 ft. and two 12 ft. rein.-con. slab spans, etc., over Camp Branch, Cass Co.; two 12 ft. rein.-con. slab spans, etc., Marion Co.; three 100 ft. steel truss and two 40 ft. rein.-con. deck girder spans, etc., over Salt River, Shelby Co.; two 12 ft. rein.-con. slab spans, etc., over Little River, Pemiscot Co.; one 60 ft. rein.-con. arch span, etc., over Long Branch, Caldwell Co. B. H. Piepmeier, ch. engr.

Mo., Clayton—See "Streets and Roads."

Ore., Portland—City Comn. authorized S. S. Pier, city comr., to sell $286,000 bonds for Bway. Bridge and having plans and estimates prepared approach to west end bridge, either from 12th and Lovejoy Sts. or Hoyt and 10th St. A. Laurgaard, City Hall, engr.

Calif., Santa Barbara — Plans election $60,000 bonds, constructing five small bridges in various sections of city.

BIDS DESIRED

Vermont—See "Streets and Roads."

N. Y., Ithaca—Mar. 2, by C. D. Bostwick, comptroller, Correll University, 100,000 cu. yd. hydraulic dredging of Beebe Lake. Bids also taken by W. O. Kerr, city clk., 100,000 cu.yd. dredging at south end Cayuga Lake; adv. E. N.-R. Feb. 5.

Michigan — Feb. 16, by Kalamazoo Co. Rd. Comn., Kalamazoo, constructing three 40 ft. spans, concrete and steel bridge.

Texas—Feb. 13, by G. H. Tucker, judge Ward Co., Barstow, 193 ft. steel truss and concrete girder bridge over Pecos River, for Reeves and Ward Counties.

Texas—See "Streets and Roads."

Tex., Barstow—See "Streets and Roads."

Tex., Brownsville — Feb. 11, by W. O. Washington, engr. Cameron Co., 2 span 300 ft. steel and concrete bridge across Arroyo Colorado. $66,000. Noted Jan. 8.

Tex., Houston—See "Streets and Roads."

Calif., Eureka—Feb. 11, by F. M. Kay, clk. Humboldt Co., 3 rein.-con. bridges over Van Duzen River, Humboldt Co. $70,000. J. B. Leonard, 381 Bush St., San Francisco, engr.

BIDS RECEIVED

S. C., Beaufort—Ladies Island Bridge, from Pheonix Constr. Co., 13 Park Row, New York City, $217,654; steel work for above project from Amer. Bridge Co., 71 Bway., New York City, $75,000.

Calif., Old Town (San Diego P. O.)—W. H. Cameron, supt. City Purchasing Dept., San Diego, steel truss superstructure with rein.-con. deck for bridge over San Diego River, here, from Minneapolis Steel & Mchy. Co., 2854 Minnehaha Ave., Minneapolis, Minn., $38,947. Noted Oct. 16.

CONTRACTS AWARDED

Pa., Turtle Creek—Alleghany Co. (Pittsburgh), furnishing and erecting steel, fireproofing, etc., bridge on Lincoln Highway over Pennsylvania R.R. tracks, to Independent Bridge Co., May Bldg., Pittsburgh, $156,008. Noted Oct. 23.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, (**S. A. P. means State Aid Project**), one concrete bridge over 20 ft. span and five 26 ft. span concrete bridge over Laurel Fork River, S. A. P. 189, Carter Co., to C. H. Atkisson & Co., Richmond, Va., $17,919; two 26 ft. and one 36 ft. rein.-con. overhead crossing, near Springfield, S. A. P. 119-C, Robertson Co., to Parham Constr. Co., East St. Louis, Ill., $10,353; 3 rein.-con. bridges over 20 ft. span on Sordy-Hardin Co. line Rd., S. A. P. 186, Wayne Co., and 4 bridges over 20 ft. span between Sta. 399 plus 00 and Wayne Co. line Rd., S. A. P. 187-A, Hardin Co., to V. W. Clanton, Tyronza, Ark., $31,531 and $60,650 respectively. Noted Jan. 8.

Mich., Detroit—Wayne Co. Rd. Comn., Real Estate Exch. Bldg., furnishing and fabricating approximately 1,300 tons structural steel superstructure for Strauss Bascule type bridge over River Rouge at Dix Ave., to Wisconsin Bridge & Iron Co., 1362 Penobscot Bldg., $350,000. Noted Sept. 11.

Minn., Worthington—Nobles Co., 89,640 lin. ft. 6-30 in. drain tile, and 14,500 lin. ft. of sewer tile in Judicial Ditch 17, to J. W. Wilkin, New Ulm, $59,209. Noted Jan. 8.

Kan., Wichita—To Granite Concrete & Constr. Co., 114 West 10th St., Kansas City, Mo., one 40 x 245 ft. rein.-con. bridge, 64 ft. wide, across Little River at Nurdock Ave., incl. 1,800 sq.yd. paving, etc., $85,607, engrs. est .$96,000; 135 ft. 3 span bridge over drainage canal, incl. two 12 ft. walks, etc., $23,477, engrs. est. $25,000. Noted Jan. 22.

Tex., Sulphur Springs—See "Streets and Roads."

Dams

PROPOSED WORK

N. C., Chimney Rock — Chimney Rock Mountains, Inc., plans dam and hydro-electric installation on Rockey Broad River, near here, also an addition to above summer resort, 1,500 acre lake, hotels, golf courses, roads, drives, walks, etc. $4,000,000.

Wash., Wenas—See "Excavation, Drainage, Irrigation, Levees."

Calif., Orange—See "Excavation, Drainage, Irrigation, Levees."

Calif., Stockton — Making plans gravity and arch type dam, below San Andreas, 1,400 ft. long, 150 ft. high, arch section to be 70 ft. thick at base, involv. 104,000 cu. yd. concrete. $1,500,000 available. W. B. Hogan, city engr.

BIDS DESIRED

B. C., New Westminster—Feb. 26, by S. E. O'Brien, secy. Dept. Pub. Wks., Ottawa, 2,300 ft. dam, 20 to 40 ft. wide, at Woodwards Slough, Fraser River. $75,000.

Railways

PROPOSED WORK

Texas—See "Buildings—Industrial" under Beaumont.

CONTRACTS AWARDED

Texas—Med-Lake Development Co., San Antonio, 32 mi. railroad from San Antonio to Medina Lake, to P. Hansen, 2216 West Houston St., San Antonio, $664,000. Above project 1st unit of 270 mi. railroad from San Antonio to San Angelo.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

Ill., Belleville—See "Sewers."

Ia., Council Bluffs — Pottawattamie Co. plans diverting Indian Creek through proposed 13 ft. tunnel from north city limits through Bluffs and Big Lake into Missouri River. $644,617. G. B. Sparks, co. aud.

Texas—Bexar Co. (San Antonio), Medina Co. (Hondo), and Atascosa Co. (Jourdanton), plan water district, irrigating 47,000 acres. Directors will set date for $2,500,000 bond election within 60 days. Noted Jan. 8.

Wash., Wenas—Wenas Irrigation Dist. has been formed and plans 2,000 acres of riparian lands on Wenas Creek, also dam and water storage. $40,000. D. Longmire, J. B. Frink and R. C. Babbitt, directors.

Calif., North Sacramento (Sacramento P. O.)—North Sacramento Land Co., 825 Jay St., Sacramento, plans irrigating 800 acres, 5,280 ft. canal 6 ft. wide on top, 3 ft. on bottom, 2 ft. deep, also pumping plants, two 10 in. centrifugal pumps, 7 cu. ft. capacity each, total lift 20 ft. direct connected to 40 hp. motors. $15,000 or more. Private plans.

Calif., Orange — Irrigation Dist. represented by Rutan & Scovel, 1st Natl. Bank Bldg., Santa Ana, plans irrigating approximately 6,000 acres, and constructing hydraulic fill storage dam, 100 ft. high, 725 ft. long on top, 30 ft. on bottom, 20,000 acre ft. capacity.

BIDS DESIRED

Minn., Minneapolis—Feb. 17, by A. P. Erickson, aud. Hennepin Co., (1) open ditch 45,000 cu.yd. excav., leveling out 18,000 cu. yd. waste banks, 2 flood water intakes, one standard type concrete culverts, 6 x 8 x 45 in. Judicial Ditch 3, near Eden Prairie, (2), laying 7,800 lin.ft. of 6-20 in. tile drain, 4 bulkhead outlets. S. A. Norling, Excelsior, engr.

BIDS RECEIVED

Calif., Merced—Directors Merced Irrigation Dist., Jan. 14, constructing and enlarging canals. Schedule 1, 110,000 cu.yd. excav., and Schedule 5, 38,000 cu.yd. excav., from J. Phillips, 637 Santa Ray Ave., Oakland, at $0.14 per cu.yd., total $15,400 and $5,320 respectively; Schedule 2, 27,000 cu.yd. excav., from C. E. Murray, Modesto, $0.22, total $5,940; Schedule 3, 40,000 cu.yd. excav. and Schedule 4, 35,000 cu.yd. excav., from M. J. Bevanda, Fresno, at $0.1115 and $0.125 per cu.yd., total $4,600 and $4,375 respectively; Schedule 6, 2,000 cu.yd. excav. and 13,000 sq. ft. concrete lining, from Carlson Bros., Turlock, $1,750; Sched-

Excavation, Drainage, Irrigation, Levees (Continued)

ule 7, 2,000 ft. 30 in. concrete pipe, from Merced Concrete Pipe Co., Merced, $7,802; Schedule 8, furnishing 120 ft. Oregon pine and 140 raw wood timber, from Redwood Mfg. Co., Hobart Bldg., San Francisco, $5,088.

CONTRACTS AWARDED

Fla., St. Petersbury—Dredging about 1,100,000 cu.yd., to Duluth Superior Dredging Co., foot 45th Ave. W., Duluth, Minn., also 1,500 lin.ft. rein.-con. docks to Raymond Concrete Pile Co. Noted Nov. 13 under "Unclassified."

Fla., Tampa — Ideal Farms D.D., 32 Giddens Bldg., for 740,000 cu.yd. dry earth excav., to F. M. Crane Co., Hamilton Blk., Omaha, Neb., $202,000. Engrs. est. $125,000. Noted Dec. 4.

Wis., Fond du Lac—W. Schroeder, 86 Michigan St., Milwaukee, excavation for 3 story and basement, 100 x 200 ft., rein.-con., brick and terra cotta, plain foundation, Main St., to Immel Constr. Co., Dana Bldg. Noted Oct. 23 under "Buildings—Commercial."

Tex., Dallas—Dalls Co. changing creek channel on Reak Branch, to R. J. Estep & Co., Wilson Bldg., $0.75 per yd. Engrs. est. $27,000.

Tex., Edinburg — F. N. Taylor, secy Water Impvt. Dist. 4, Hidalgo Co. intake canal near Penitas, 60,000 yd. dirt work, Penitas main canal, 760,000 yd dirt work, settling basin, levee near Penitas, 150,000 yd. dirt work, to L. D. Crawford, Mercedes, $100,000.

Calif., Blythe—Palo Verde Mutual Water Dist., will construct 6 mi. canals, approximately 470,000 cu.yd. earthwork, by day labor. $126,500. Noted Dec. 11.

Streets and Roads

PROPOSED WORK

Vermont — State Hy. Dept., Montpelier, made plans concrete paving 4 mi. highway in Pownal, and 3 mi. in Windsor, bituminous macadam paving 5 mi. highway in Shelbourne and Charlotte, and 2 mi. in Guilford; graveling 3 mi. highway in Ryegate, and 3 mi. in Shelbourne; bridges in Hartland, Northfield, Westfield and Bethel. T. W. Dix, highway engr.

Massachusetts — Dept. Pub. Wks., Div. Highways, State House, Boston, plans road from State Hospital, Westboro to Boston Post Rd., Northboro. To exceed $25,000. W. F. Williams, comr.

Mass., Boston—City Planning Bd. plans widening Dorchester Ave. $800,000. F. H. Fay, chn.

Mass., Marblehead—Plans laying out and constructing Hewitt and West Cottage Sts., also widening Rockaway St. $25,000. Engineer not selected.

Mass., Medford — Plans widening Main St. To exceed $25,000. F. R. Cannock, city engr.

Mass., Quincy (Ind. Bd. Boston) — Bd. Aldermen plan additional paving of Hancock St., $40,000 appropriation; widening West Squantum and Sagamore Sts., rebuilding Glover Ave. and West Squantum Rd., to exceed $25,000. Engineer not selected.

Pa., Slickville—Westmoreland Co. plans rein.-con. and hillside brick on rein.-con. paving 20,330 ft. Saltsburg Rd., 16 ft. $150,000. W. G. Wynn, Court House, Greensburg, co. engr.

Md., Baltimore—Making plans sheet asphalt surfacing 20th, 32nd, Morling, and Wesseley Sts., also Luzerne Ave. from Eager Pl. to Chase St. and Luzerne Ave. from Chase to Biddle Sts. S. Rowland, 214 East Lexington St., acting chn. Paving Comn.

S. C., York—York Co. plans hard surfacing various roads. $1,000,000. Lee, Murray, Palmer & Brown, Sumter, engrs.

Fla., South Jacksonville (Ind. Br. Jacksonville)—Election March 3, $400,000 bonds for street paving, water main extensions, light plant, improving sewers and municipal docks.

Miss., Aberdeen — Making preliminary plans grading, hardsurfacing, etc. approximately 40,000 sq.yd. various streets. A. L. Dabney, 820 Columbian Tower, Memphis, Tenn., engr.

Miss., Ellisville—Jones Co. plans election in February or March $120,000 bonds, brick and concrete surfacing 8 mi. Ellisville-Laurel Rd., 18 ft.

Miss., Gulfport—Harrison Co. plans election $1,500,000 bonds for improving roads and bridges, incl. bridge over Back Bay between Biloxi and Ocean Springs. Noted Jan. 29.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, and Unicoi Co. (Erwin), making surveys improving 6 mi. Ernestville-North Carolina State line Rd. J. G. Creveling, highway comr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville and Sevier Co., Sevierville, plan improving Sevierville-Elkhart Rd., in Smoky Mts. $75,000. J. G. Creveling, highway comr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, takes bids in March or April, grading, probably gravel surfacing 7 mi. Sta. 399 plus 00-Savannah Rd., 16 ft., Hardin Co., incl. several concrete bridges over 20 ft. span. J. G. Creveling, highway comr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, and Polk Co. (Benton), making surveys improving 2.5 mi. Parksville-Ococee River Rd. J. G. Creveling, highway engr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, plans grading, bridges, etc. 15 mi. Milan-Bradford Rd., Gibson Co. J. G. Creveling, highway comr.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, and Giles Co. (Pulaski), making surveys improving 17 mi. Pulaski-Maury Co. line Rd. J. G. Creveling, highway comr.

O., Canton — Bd. Control takes bids in spring, asphalt paving Walnut Ave. N. W., $25,000; and improving 13th St., $25,000. W. E. Sarver, city engr.

O., Canton—Stark Co., takes bids in the spring, probably brick paving, 1 mi. North Canton—Maximo Rd., Sect. C 16 ft., $35,000. C. M. Wise, Court House, engr.

O., Cleveland — Comrs., Cuyahoga Co., take bids in spring, brick paving 4.5 mi. Lake Shore Rd. $975,600, and 2 mi. Harvard Ave., $342,000; concrete paving 1 mi. Mackenzie Rd., $65,000. F. Lander, Court House, engr.

Mich., Mt. Clemens—Macomb Co. Road Comn. making plans grading, concrete surfacing, etc., 10 mi. Grand Trunk Highway from here to Detroit, 40 ft. W. Lehner, Mt. Clemens, co. engr.

Ill., Salem—Takes bids in May, grading and concrete surfacing 11,000 ft. various streets. $100,000. Caldwell Eng. Co., 502 Ayers Bank Bldg., Jacksonville, engrs.

Ill., Wheaton—Wheaton Co. soon takes bids grading, bridging, concrete or macadam surfacing 20 mi. Irving Park Blvd., also a section at Eola, Wheaton-Cloverdale and Bloomingdale-Roselle Rds. E. L. Gates, Wheaton, supt.

Wis., Wauwatosa—Plans concrete paving East Milwaukee Ave. between city limits and Ludington Ave., North Main St. from Park to end of North Main Sts. J. E. Lowther, City Hall, engr.

Ia., Inwood—Making plans concrete or gravel surfacing, or combination of both, also curbing and guttering about 30 blocks various streets. $30,000-$100,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Ia., Moville — Plans paving about 25 blocks various streets, bids on various types. $80,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Kan., Greenburg—Kiowa Co. soon takes bids sand clay surfacing 3.666 mi. Federal Aid Project 305-A, 3.64 mi. Federal Aid Project 275-A and 3.144 mi. Federal Aid Project 267-B, all 18 ft., incl. three 18 ft. slab bridges and 20 ft. roadway. J. Garb, Greensburg, engr.

Neb., Papillion—Sarpy Co. voted $25,000 bonds, grading and surfacing roads in Forest City Precinct.

Neb., Papillion—Sarpy Co. plans election $40,000 bonds for improving roads in Springfield precinct. R. L. Cochran, Capitol Bldg., Lincoln, engr.

Mo., Clayton — St. Louis Co. — Making preliminary plans resurfacing with concrete 1 mi. Clayton Rd., 18 ft. $25,000. R. Jablonsky, co. engr.

Mo., Clayton—St. Louis Co. making preliminary plans grading, bridging and paving 20 mi. road from St. Charles Rock to Lemay Ferry Rds., 18 ft. $200,000-$600,000. R. Jablonsky, Clayton, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids improving Belt Ave., 4,975 sq.yd. Warrenite bitulithic on concrete $22,100; Christian St., 912 ft. waterworks conduit, 2,795 sq.yd. rein.-con. paving, concrete gutters $14,500; Mississippi St., 4,855 sq.yd. granite on concrete, granite curbing $44,100; Grand Blvd., 31,210 sq.yd. Warrenite bitulithic $158,000. W. W. Horner, city engr.

Mo., St. Louis—Making preliminary plans grading and brick on concrete or plain concrete paving alleys in City Blocks 2588, 2817, 2884, 2885, 2928, 2971, 3070, 3996, 4154, 4571, 5011, 5012-E, 5292, 5296, 5328, 5558, 5570, 5571 and 5640. $68,507 for concrete or $110,060 for brick. W. W. Horner, city engr.

Mo., St. Louis—Making preliminary plans asphalt resurfacing on concrete portions bridge roadway, etc. $30,000. C. S. Butts, City Hall, engr.

Mo., St. Louis—See "Unclassified."

Mo., Sedalia—Making preliminary plans grading, curbing and concrete paving 18 blocks Lafayette Ave., etc.

Ark., Jonesboro — Making preliminary plans grading, hard surfacing, etc., 5 mi. roads in Dist. 29.

Ark., Perryville—Perry Co. making preliminary plans grading, bridging and surfacing 50 mi. Perryville-Ava-Alpin and Hollie Rd.

Tex., Cameron — Voted $125,000 bonds permanent paving various streets. A. F. Mitchell, city engr. Noted Dec. 11.

Tex., Corpus Christi—Nueces Co. soon takes new bids additional paving about 12 mi. Brownsville Rd. $70,000. C. E. Cocke, Corpus Christi, co. engr. Noted Jan. 8.

Tex., Floresville—Wilson Co. postponed bids which were to be opened Feb. 2, until after new court is organized grading, rock asphalt or Amesite on rock paving and bridging 14.52 mi. State Highway 16, Federal Aid Project 440-A, $200,000; grading, asphaltic macadam paving and bridging 12.12 mi. State Highway 81, Federal Aid Project 440-A, $150,000, 9.43 mi. State Highway 81, Federal Aid Project 440-B, $130,000, 9.06 mi. State Highway 81, Federal Aid Project 440-C, $90,000, all 18 ft. F. E. Hess, co. engr. Noted Jan. 15.

Tex., Navasota — Making plans permanent concrete paving Judson St. $50,000 bonds voted. R. H. Brule, city engr.

Tex., Quanah—Defeated $600,000 bonds for highway construction. Plans new election soon. Noted Jan. 8.

Tex., Slaton — Election soon $60,000 bonds permanent paving 25 blocks. J. L. Cruse, mayor.

Tex., Waco—E. E. McAdams, city mgr., soon takes bids asphaltic concrete paving, etc., 9,000 yd. 11th St. $26,000; 24,000 yd. Columbus St. $70,000; and 8,000 yd. Bosque St. $25,000. V. G. Koch, city engr.

Okla., Marietta — Making preliminary plans surfacing 8 blocks various streets. To exceed $25,000. Engineer not announced.

Wash., Seattle—Comrs. King Co. takes bids about March 1, concrete paving 1.25 mi. 10th Ave. N. E. from 85th to 105th Sts. $40,000. T. R. Beeman, 602 37th St., Seattle, engr.

Calif., Fayetteville — Butte Co. made plans improving Oroville-Quincy Rd., 765 cu.yd. grading, 7,856 tons broken stone, 305 tons asphaltic oil, spread, county to furnish stone and screenings. $30,000 or more. H. H. Hume, Oroville, co. engr.

Calif., Independence — Inyo Co. making surveys improving Saline Valley Rd. $25,000 or more. B. E. Sherwin, Independence, co. surv.

Calif., Los Angeles — Takes bids about Feb. 25, grading, curbing, sidewalks and asphaltic concrete paving El Contento Dr., Le Gray Ave., Emmet Terrace, Clifton, Altura and 12th Sts. To exceed $75,000. H. A. Van Norman, City Hall, engr.

Calif., Los Angeles — Widening Wilshire Blvd. J. J. Dillon, ch. engr. Greater Washington Blvd. Assn., announced between Rimpau Ave. and city limits of Beverly Hills.

Calif., Monterey Park — Plans paving, curbing, guttering and sidewalks, etc., on Garvey Ave. To exceed $25,000. O. A. Stone, Hollingsworth Bldg., Los Angeles, engr.

Calif., Oakland—Made plans improving Hopkins St. between Champion and Excelsior Aves., 26,549 sq.ft. grading, 25,589 sq. ft. 2 in. Warrenite bituminous on 6 in. concrete paving, curbs with and without steel guards, etc. W. W. Harmen, city engr.

Calif., Venice — Made plans improving Leona Blvd., 388,000 sq.ft. 7 in. concrete paving, 6,000 lin.ft. heavy curb, 16,000 sq. ft. concrete sidewalks, 82 rein.-con. lighting standards. H. D. Chapman, city engr.

Calif., Winters — Plans paving various streets. To exceed $25,000.

Ont., Kingston — Plans 15,000 sq.yd. asphalt or concrete on concrete paving, etc. various streets, $60,000. H. S. Dick, city engr.

Streets & Roads (Continued)

BIDS DESIRED

Pennsylvania — Feb. 27, by State Dept. Hys., Harrisburg, constructing 72 mi. of 15 projects in 15 counties, bituminous surfacing on concrete or rein.-con. W. H. Connell, engineering executive and deputy secy. of highways; adv. E. N.-R. Feb. 5.

N. C., Kernersville—Feb. 25, by Mayor, 40,000 sq.yd. hard surfacing various streets. Carolina Eng. Co., Charlotte, engrs.

Ala., Mobile—March 4, by Bd. Comrs. paving, concrete curbing and storm sewers. W. Smith, city engr.; adv. E. N.-R. Feb. 5.

Miss., Holly Springs—March 3, by Bd. Supervs. Marshall Co., grading, gravel and sand clay surfacing 2.1 mi. Federal Aid Project 39, also furnishing washed screened or pit run gravel f.o.b. unloading points. H. C. Dietzer, Jackson, engr.

Louisiana—Feb. 19, by State Hy. Comn., Reymond Bldg., Baton Rouge, grading and gravel surfacing 2.55 mi. Many-Robeline Highway, State Project 399-A, and 4 mi. Many-Zwolle Highway, State Project 398-A, both Sabine Parish. W. B. Robert, highway engr.

Louisiana—Feb. 24, by State Hy. Comn., Reymond Bldg., Baton Rouge, improving 9.96 mi. Many-Texas State Line Rd., Federal Aid Project 150-A, Sabine Parish, and furnishing 3,558 cu.yd. wash gravel and 7,134 cu.yd. 40% sand clay or 10,692 cu.yd. 60% sand clay for surfacing Shreveport-Natchitoches Rd., State Project 343-B, Red River Parish. W. B. Robert, highway engr.

O., Cincinnati — Feb. 13, by Comrs. Hamilton Co., grading and rein.-con. paving 19,430 sq.yd. Wesselman Rd. $104,673. E. A. Gast, Court House, engr. Noted Jan. 29.

O., New Philadelphia—Mar. 1, by Serv. Dept., repaving business district of Bway. and High St., $100,000. E. Stingel, engr.

Ill., Wheaton—Feb. 9, by Clerk Du Page Co., grading and concrete or macadam surfacing 5 mi. Naperville-Warrenville Rd., 18 ft. $160,000. E. L. Gates, Wheaton, supt.

Wis., La Crosse—Feb. 12, by Bd. Pub. Wks., rein.-con., vibrolithic concrete, 3 in. vertical fibre brick, asphaltic concrete, Warrenite bitulithic and asphaltic macadam, 31,506 sq.yd. if combined curb and gutter is used or 37,062 sq.yd. if concrete pavement with integral curb is used, 3,097 sq. yd. in street car track zone, 19,221 ft. concrete curb and gutter or 18,139 ft. integral curb; also 6,350 ft. concrete curb and gutter on Badger St. C. C. Congdon, city engr.

Wis., Waupun — Feb. 17, by Bd. Pub. Wks., C. E. Mallory, chn., improving various streets, 14,637 sq.yd. vibrolithic concrete, Warrenite bitulithic or asphaltic concrete paving, 5,635 cu.yd. excav., 11,130 ft. curbing and guttering. E. B. Parsons, Jefferson, engr. Noted Dec. 4.

Ia., Maquoketa—Feb. 17, by G. O. Morsem, city mgr., City Hall, surfacing 22,790 sq.yd. various streets. J. G. Thorne, Clinton, designing and supervising engr.

Ia., Marion—Linn Co. taking bids grading, concrete surfacing, etc., 12.75 mi. Federal Aid Project 96, 18 ft. R. W. Gearhart, Marion, engr.

Kan., Kansas City — Feb. 23, by W. Beggs, clk. Wyandotte Co., grading, concrete surfacing, etc., 1.249 mi. Antone Rd., 18 ft. and 10 x 10 x 24 ft. box culverts on John Swartz Rd. near Turner. O. K. Williams, Court House, engr. Noted Jan. 15.

Mo., St. Louis—Mar. 3, by Bd. Pub. Serv., 208 City Hall, improving Devonshire St. 3,400 sq.yd. asphalt on concrete surfacing $17,700; Eichelberger St. 9,365 sq.yd. asphalt on concrete, granite curbing $66,200; Lafayette St. 10,205 sq.yd. Willite on concrete, concrete curbing $57,000; Goodfellow St. $9,780 sq.yd. Willite on concrete, granite curbing $61,500; Dewey St. 1,100 sq.yd. asphaltic concrete, concrete curbing $9,500; Margaretta St. 1,775 sq.yd. asphaltic concrete, granite curbing, $11,500; Famous St. 2,320 sq.yd. Warrenite bitulithic on concrete, concrete curbing $16,000; Thekla St. 1,290 sq.yd. Warrenite bitulithic on concrete, granite curbing $9,750; 11th St. 1,920 sq.yd. recut granite block paving, granite curbing $18,500; Scott St. 1,950 sq.yd. brick on concrete paving, granite curbing $19,700; Nashville St. 2,365 cu.yd. grading $2,200. W. W. Horner, city engr.

Texas — Feb. 10, by H. L. Washburn, aud. Harris Co., Houston, grading, bridging and concrete paving 16,080 sq.yd. State Highway 6, in Harris and Galveston Counties. J. M. Murch, Galveston, aud. Galveston Co., Galveston.

Tex., Barstow—Feb. 13, by G. H. Tucker, judge Ward Co., grading, gravel surfacing and bridging 4.61 mi. State Highway 1, Federal Aid Project 391-B, 16 ft., $88,250. S. S. Posey, res. engr. Noted Dec. 25.

Tex., Galveston — Feb. 11, by Bd. City Comrs., limestone rock surfacing 75,000 sq. yd. various streets in business section. C. A. Holt, Jr., city engr.

Tex., Houston—Feb. 10, by C. H. Bryan, judge Harris Co., grading, concrete paving and bridging 6.53 mi. State Highway 6, Federal Aid Project 466-A and D, 20 and 30 ft., $275,000. Howe & Wise, First Natl. Bank Bldg., engrs.

Tex., Pearsall—Feb. 25, by R. E. Killmer, engr. Frio Co., grading and graveling, etc., 14.8 mi. road from Dilley west to Dimmit Co. line, 18 ft. $170,000. Noted Jan. 1.

Wash., Port Angeles—Feb. 13, by Comrs. Clallam Co., grading, etc., 4.7 mi. Highway 5. F. Sullivan, Port Angeles, engr.

Wash., Seattle — Taking bids repaving Pike St. from 1st to 8th Aves., asphaltic concrete $40,000 or portland cement concrete $51,000.

Calif., San Diego — Feb. 16, by A. H. Wright, city clerk, improving West Pt. Loma Blvd., Voltaire, Bacon and DeFoe Sts., 1,014 cu.yd. excav., 393,158 sq.ft. 1.5 in. wearing surfacing on 3 in. bituminous base, 9,744 sq.ft. concrete sidewalks, 1,365 ft. 6 in. concrete curb, 1,619 ft. 8 in. concrete curb, etc. F. A. Rhodes, city engr. Noted Jan. 8.

Calif., Santa Rosa—Feb. 11, by W. W. Felt, Jr., clk. Sonoma Co., improving Forestville-Guerneville Highway, Sect. "A," 97,180 sq.ft. paving, 2,200 cu.yd. excav., etc. E. A. Peugh, Santa Rosa, co. surv.

BIDS RECEIVED

Massachusetts—Dept. Pub. Wks., Div. Highways, rein.-con. paving 17,724 ft. highway in Lenox and Lee, 18 ft., from L. C. Carchia & Co., 308 Bellevue St., West Roxbury. $202,000. Noted Jan. 15.

N. Y., Brooklyn — J. A. Guider, boro pres., Boro Hall, Jan. 28, asphalt paving Gold and Ridgewood Aves., from Borough Asphalt Co., 131 Metropolitan Ave., $26,486 and $47,709 respectively; New York Ave., from Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., $45,101. Noted Jan. 22.

N. Y., New York—J. Miller, pres. Manhattan Boro., Municipal Bldg., Jan. 29, widening and wood block repaving Columbus Circle; and regulating and granite block on concrete repaving Wooster St., from J. Meehan & Son, 74 Cortlandt St., $5,438 and $20,688 respectively. Noted Jan. 22.

N. J., Atlantic City—Paving city end of Absecon Blvd., from C. H. Earle, Hackensack, $240,000.

Mo., St. Louis—Bd. Bub. Serv., 208 City Hall, from Webb-Kunze Constr. Co., 5927 Fyler Ave., concrete alleys C. B. 3269 $3,055; from Eyermann Constr. Co., 1216 South Grand Ave., C. B. 1383 $4,752, C. B. 1384 $3,023, C. B. 1584 $5,015, C. B. 2984 $2,155, C. B. 5299-S $2,264; from Skrainka Constr. Co., Security Bldg., C. B. 4064 $4,143, C. B. 4460 $3,181, C. B. 5573 $3,920; from Perkinson Bros. Constr. Co., 3237 Carter Ave., C. B. 5261 $5,017, C. B. 5232 $3,947, C. B. 5246 $3,216, C. B. 5396 $2,920, C. B. 5527 $4,134. Noted Jan. 8.

CONDUIT—BROOKLYN, N. Y.

Following are lowest three bids opened Jan. 27th by Bd. of Water Supply, Municipal Bldg., New York, for constructing Sect. 1 of Williamsburg Conduit of Catskill Aqueduct. Contr. No. 219, (A) Beaver Eng. & Contg. Co., 51 Chambers St., New York; (B) Wataga Contg. Co., Inc., 334 Lenox Ave., New York; (C) Paino Bros., 32 Court St., Brooklyn. The unit bids are as follows:

	A	B	C
55,000 cu.yd. earth excavation and refilling not included in item 2	$3 00	$4 45	$5 65
7,000 cu.yd. earth excavation and refilling under tracks, sewers, etc.	3 00	7 00	5 50
4,000 cu.yd. rock excavation	3 00	4 00	1 00
100 M.ft. B.M. timber and lumber	40 00	119 80	30 00
500 lin.ft. timber piles	50	2 00	2 00
15,250 lin.ft. 72 in. steel pipes, ¾ in. plate	36 80	30 16	30 00
100 ton cast-iron pipes, straight hub-and-spigot	60 00	123 00	100 00
125 ton cast-iron hub-and-spigot pipe specials	170 00	215 00	150 00
25 ton cast-iron flanged pipes and specials	200 00	265 00	200 00
55 ton cast-iron valve-boxes, manhole heads and covers	80 00	100 00	100 00
25,000 lb. steel castings	25	20	23
275,000 lb. caring for and setting metal-work furnished by the city	01	09	05
1 72 in. by 36 in. Venturi meter	25,000 00	8,639 00	20,000 00
4 20 in. pressure-regulating valves	5,000 00	1,200 00	2,000 00
2 24 in. pressure-regulating valves	7,500 00	1,400 00	2,500 00
40,000 lb. structural and reinforcing steel	06	13	05
30,000 lb. miscellaneous cast iron, wrought iron and steel	15	15	05
7,000 bbl. portland cement	2 50	2 65	3 00
1,800 cu.yd. concrete, brick and rubble masonry	15 00	10 22	20 00
2,200 cu.yd. concrete masonry under pavements and curbs	10 00	6 00	5 00
10,000 sq.ft. mortar lining	75	50	50
550 replacing water services, 2 in. and smaller	3 00	10 00	5 00
100 cu.yd. crushed stone and gravel for drains	2 00	4 00	3 00
12,000 lin.ft. vitrified pipes, 3 to 12 in. in diameter	50	1 04	20
500 lin.ft. vitrified pipes, 15 to 24 in. in diameter	1 00	2 89	1 00
1,800 sq.yd. temporary granite block pavement	50	2 00	1 50
2,600 sq.yd. temporary macadam pavement	1 00	1 00	1 00
8,000 sq.yd. temporary cinder pavement	50	20	30
9,500 sq.yd. temporary sidewalk surfacing	50	60	30
11,000 sq.yd. asphalt pavement	2 00	2 00	2 00
1,500 sq.yd. granite block pavement	2 00	2 00	3 00
6,000 sq.yd. flag sidewalks and cross-walks	50	2 70	1 00
4,000 sq.yd. cement concrete sidewalks	2 00	3 15	2 00
2,500 lin.ft. curb	50	1 00	2 00
Engineer's office (lump sum)	2,000 00	2,000 00	2,000 00
Extended totals	$1,009,850	$1,036,430	$1,047,000

Michigan — State Hy. Dept., at Port Huron, Jan. 20, graveling 9 mi. A. D. 445, 16 ft., in St. Clair and Lapeer Counties, from C. McComb, Algonac, $93,783.

Ark., Van Buren—For 6 in. plain concrete surfacing with marginal bars, etc., 40,145 sq.yd. Dist. 3, and curbing, guttering, etc., Dist. 1, from Kaw Paving Co., N. E. Bldg., Topeka, Kan., $71,095 and $37,414 respectively. Noted Jan. 8.

Calif., Fresno—Fresno Co., from California Rd. & Street Impvt. Co., Bank of Italy Bldg., improving roads in Dist. Imp. 6, 107,400 sq.ft. 1.5 in. Warrenite on 2.5 in. asphaltic concrete, at $0.157 per sq.ft., 167,200 sq.ft. grading $0.036, total approximately $35,125; from Thompson Bros., G and Divisadero Sts., roads in Dist. Impvt. 7, 812,650 sq.ft. 1.5 in. Warrenite on 2.5 in. asphaltic concrete at $0.176 per sq.ft., 1,243,800 sq.ft. grading $0.015, total approximately $172,000. Noted Jan. 22.

Calif., Los Angeles — Los Angeles Co. grading, curbing, Willite paving, etc., 28,103 sq.yd. Inglewood Ave. Dist. 149, from H. H. Foster, 3301 East 2nd St., $72,572, engrs. est. $80,839; improving Linden St. Impvt. Dist. 87, 1,988 ft. curbs, 4,384 sq.ft. gutters, 7,899 sq.ft. sidewalks, 1,457 cu.yd. excav., 3,560 sq.yd. grading, screening and oiling, 3,560 sq.yd. shaping roadway, etc., from G. R. Curtis, 2240 East 26th St., $14,394. Noted Jan. 8.

Calif., Los Angeles—Improving Yosemite Dr., from J. Farquhar, 5625 Lankersheim Blvd., $2,014; James St., from P. Reach, Los Angeles, $9,043; Woodbine St., from G. D. Nichols, P. O. Box 572, Inglewood, $6,358; Garver St., from P. F. Martter, 205 South Gramercy Pl., $16,003; Beacon St. between Santa Cruz and 4th Sts., from Chameet Constr. Co., Los Angeles, $62,370.

CONTRACTS AWARDED

Massachusetts — Dept. Pub. Wks., Div. Highways, Court House, Boston, bituminous macadam paving 21,012 ft. highway in Fitchburg and Westminster, to C. Bianci & Co., Framingham, $211,840. Noted Jan. 8.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., grading, etc., Beach Channel Dr., and constructing bulkheads, etc., to W. H. Gheoghegan Realty Co., 147 Remsen St., Brooklyn, $509,115. Noted Jan. 8.

Pa., Phila. — Bureau Highways, Dept. Pub. Wks., to R. B. Wenner, 2313 Walnut St., grading Clearview Ave. $1,235; to

Streets and Roads (Continued)

Union Paving Co., 30th and Locust Sts., asphalt paving Buckius Ave. $2,720, Magnolia Ave. $5,125, McMahon Ave. $4,188, 21st St. $3,448, asphalt repaving Wharton St. $24,985; to Barber Asphalt Paving Co., 239 North 30th St., asphalt paving Cleveland, Colorado, Pollock, 17th and 18th Sts. $29,538, Grays and 70th Sts. $17,597, Hope St. $1,676, asphalt repaving 18th St. $6,650; to Mack Paving & Contg. Co., Nicetown Lane and Luzerne St., asphalt paving Haworth and Pratt Sts., $15,087; to A. J. Henderson, 1311 Medary Ave., improving Springfield Ave., $1,577. Noted Jan. 29.

N. C., Rutherfordton — For 25 sq.yd. cement sidewalk, to Greenwood Concrete Co., Greenwood, S. C., $29,600.

Fla., Brooksville — Bond Trustees, O. Keathley, secy., vitr. brick paving, 26,000 sq. yd., various streets to Southern Paving and Constr. Co., Leesburg, excav. 0.50 per yd., paving, $2.19 per sq.yd. Noted Nov. 13.

Fla., Clearwater — Improving various streets, 82,000 sq.yd. paving, 46,000 lin.ft. curbing and guttering, 44,000 sq.yd. excav., and 26,700 sq.yd. sidewalks, to Southern Paving Constr. Co., Volunteer State Life Bldg., Chattanooga, Tenn., $263,250.

Fla., Palatka—C. Cauthorn, city clk., curbing, guttering and paving about 50,000 sq.yd., various streets to T. B. Gillespie, Palatka, $138,000. Noted Dec. 11.

Fla., West Tampa—Paving with 2½ in. asphalt blocks 15,350 sq.ft. Francis Ave. and Cypress St., 30 ft., to W. L. Harwell, Tampa, $47,372, also 11,000 sq.ft., Armina and Cypress Sts., to Cone Bros., Tampa, $27,455.

Miss., Rolling Fork—Sharkey Co., grading, etc. 4.407 mi. Federal Aid Project 181-A, to Morrow & Burt, Gunnison, $18,744. Noted Dec. 18.

La., Minden—City, grading, curbing and 1-2-3 mix rein.-con. paving various streets, to McGuire & Cavender, Minden, $83,060.

Tennessee — State Dept. Hys. & Pub. Wks., Nashville, **(F. A. P. means Federal Aid Project, S. A. P. means State Aid Project)**, grading and bituminous macadam surfacing 8.56 mi. Woodbury-Warren Co. line Rd., 16 ft., incl. 2 bridges over 20 ft. span, F. A. P. 48-A, Cannon Co., to W. N. and A. L. Elrod, Murfreesboro, $266,223, 5.16 mi. Sequatchie Rd. to F. A. P. 72, incl. 1 bridge over 20 ft. span, S. A. P. 184, Marion Co., to Carter Constr. Co., Chattanooga, $153,540; grading and gravel surfacing 7.57 mi. Wayne Co. line to Sta. 399 plus 00, 16 ft., S. A. P. 187-A, Hardin Co., to Bearden & Scott, Iuka, Miss., $128,298, 0.5 mi. Gainsboro-Roaring River Bridge Rd., 20 ft., S. A. P. 135-C, Jackson Co., to H. H. Ruddell, Madisonville, Ky., $16,695; grading, chat and gravel surfacing 6.87 mi. Sorby-Hardin Co. line Rd., 16 ft., S. A. P. 186, Wayne Co., and grading and gravel surfacing 19.03 mi. Decatur-Hamilton Co. line Rd., 16 ft., S. A. P. 140-B, Meigs Co., to G. W. Guinn Co., Birmingham, Ala., $101,964 and $61,064 respectively; grading, chat and gravel surfacing 15.17 mi. Paris-Kentucky State line Rd., S. A. P. 146-B, Henry Co., to S. E. Finley Co., 212 West North Ave., Atlanta, Ga., $101,761; grading 6.95 mi. Forbes-Kentucky State Line Rd., incl. 2 timber bridges over 20 ft. span, S. A. P. 188, Pickett Co., to Davis Constr. Co., Worthburg, $65,064. Noted Jan. 8.

Ill., Belleville—St. Clair Co. grading subway under Illinois Central tracks, to Keeley Bros. Constr. Co., East St. Louis, $6,560; paving 2.3 mi. New Athens-Belleville Rd., 18 ft., to Hoeffken Constr. Co., 222 West B St., $48,867.

Ark., Ft. Smith—Improving Paving Dist. 35, 18,040 sq.yd. 6 in. vibrolithic concrete surfacing, 7,000 cu.yd. excav., 690 ft. 12- to 18-in. vitr. clay pipe, etc., to Arkoma Co., Ft. Smith, $41,421. Noted Jan. 8.

Tex., Sulphur Springs—Hopkins Co. grading, gravel surfacing and bridging 7.8 mi. State Highway 1, State Aid Project 501-D, 16 ft. and 15.24 mi. State Highway 11, 26 ft., to D. Ward, Itasca, $48,704, and $65,629 respectively. Engrs. ests. $55,000 and $77,000 respectively. Noted Jan. 29.

Okla., Oklahoma City—Sheet asphalt surfacing with 2 in. sheet asphalt on 5 in. concrete 1,080 sq.yd. Lake Ave., to Western Paving Co., Tradesmens Natl. Bank Bldg., $5,390; with 6 in. concrete 3,700 sq.yd. Prospect Ave., to M. A. Swatek & Co., 5193 West Main St., $15,359. Noted Feb. 5.

California—Edwards Bros., contractors, Pacific Mutual Bldg., Los Angeles, sublet contract grading and crushed stone surfacing 10.8 mi. highway between Halfway and Dog Creek, Shasta Co., to Nevada Contr. Co., Fallon, Nev., for State Highway Comn., Sacramento. $400,905. Noted Jan. 15.

Calif., Inglewood—City Council, improving Centinela Ave. between Redonda and Eucalyptus Aves., 173,115 sq.ft. grading, 5,300 ft. curbs, 26,043 sq.ft. sidewalks, 131,165 sq.ft. 6 in. concrete paving, etc., to J. L. McClain, 3452 West Slauson Ave., Los Angeles, $34,662. Noted Jan. 22.

Calif., Los Angeles—Improving Beverly Blvd., 131,554 sq.ft. Warrenite paving, 4,589 ft. curbing, 5,017 sq.ft. gutters, 11,229 sq. ft. sidewalks, 7,262 cu.yd. excav., etc., to Warren Constr. Co., 2221 East 25th St., $75,786.

Calif., Los Angeles—Supervs. Los Angeles Co. Improving Western Ave., to J. C. Backjord, 718 San Fernando Bldg., $29,325. Engrs. est. $37,844.

Calif., Los Angeles—Supervs. Los Angeles Co., improving 4.49 mi. Atlantic Ave., to Malcolm Bros., $41,006. Engrs. est. $63,405. Noted Jan. 1.

Buildings—Industrial

PROPOSED WORK

Mass., Boston — Repair and Service Garage—Gilbert & Levine, c/o S. S. Eisenberg, 46 Cornhill St., archt., having plans prepared 2 story, 80 x 100 ft., rein.-con., Vancouver St., and Huntington Ave., $100,000.

Mass., Cambridge (Boston P. O.)—Plant—Ginn & Co., 15 Ashburton Pl., Boston, having plans prepared 1 story, 40 x 100 ft., rein.-con., brick and steel addition. $40,000. J. R. Worcester Co., 79 Milk St., Boston, engrs.

Mass., Roxbury (Boston P. O.)—Foundry — Mechanics Iron Fdry. Co., H. E. Gibby, treas., 38 Kemble St., having plans prepared by E. W. Lawson, 6 Beacon St., Boston, 1 story, 105 x 150 ft., rein.-con., brick and steel, plain foundation, Kemble St. $75,000.

Mass., Woburn — Repair and Service Garage—Woburn Degreasing Co., rejected bids 1 story, rein.-con. and brick, Bedford St. $40,000. Private plans. Will readvertise. Noted Dec. 25.

R. I., Bristol—Manufacturing—Cranston Worsted Co., 180 Thames St., having plans prepared by Jenks & Ballou, 1035 Grosvenor Bldg., Providence, 5 story, 60 x 125 ft., brick and timber, Thames St. $250,000.

Conn., Meriden — Power House, etc. — Connecticut School for Boys, plans power house, kitchen, laundry, bakery and refrigerating building additions. $150,000. Engineer and architect not selected.

N. Y., Buffalo—Mill—Ralston—Purina Mills, Inc., 120 Prenatt St., plans chicken feed mill. To exceed $50,000.

N. C., Durham—Mill—Local Citizens plan cotton mill. $150,000. Chamber of Commerce interested.

Tenn., Chattanooga — Plant — Somerville Iron Wks. Co., North Chatta St., plans plant addition. $150,000.

Tenn., Kingsport — Chemical — Tennessee Eastman Kodak Corp., plans rein.-con. and brick addition. $500,000.

Fla., South Jacksonville (Ind. Br. Jacksonville)—Light Plant—See "Streets and Roads."

O., Cleveland—Factory, etc.—Perfeclite Co., c/o A. Sogg, archt., 3030 Euclid Ave., having plans prepared 2 story and basement, 80 x 150 ft., brick and steel factory and office building, East 40th St. $60,000.

Ind., Evansville—Storage—Holt & Brandon Ice & Cold Storage Co., plans brick and concrete addition, Walnut St. $160,000.

Ill., Centralia — Factory — Chamber of Commerce soon takes bids 3 story and basement, 48 x 200 ft., concrete and brick factory. Pennington-Gilbert Shoe Co., St. Louis, Mo., lessee. $85,000.

Wis., Milwaukee—Factory—J. Topzant, archt., 144 Oneida St., preparing plans 3 story, 72 x 120 ft., brick and steel addition, plain foundation, South Side. $60,000. Owner's name withheld.

Wis., Milwaukee—Plant—City, c/o Dept. Pub. Wks., R. E. Stoelting, comr., having plans prepared by C. E. Mallg, City Hall, 1 story, 120 x 462 ft. central repair plant, brick and steel, plain foundation. $150,000.

Wis., Oakfield—Plant—Standard Lime & Stone Co., W. Titus, pres., plans 1 story, brick addition, plain foundation. $40,000. Engineer and architect not selected.

Tex., Amarillo—Mill—C. C. Littleton, Gainesville, soon takes bids 2 story mill, here. $150,000. Private plans.

Tex., Beaumont—Warehouse, etc.—Election Feb. 16, $225,000 bonds for warehouse, wharf improvements and railroad track, etc. R. C. Black, engr. Noted Jan. 29.

Tex., Colorado—Plant—West Texas Electric Co. having plans prepared 1 story and part basement, ice factory and cold storage plant. $75,000. Private plans.

Tex., Eastland—Plant—Consolidated Gasoline Co., making plans 2 story casinghead gasoline plant, brick and concrete. $300,000. Private plans.

Tex., Ft. Worth—Mill—Worth Cotton Mill Co., plans 3 story, brick and steel addition, plain foundation. $1,500,000. C. T. Main & Co., 200 Devonshire St., Boston, Mass., temporary engrs.

Tex., Memphis—Factory—Rosamond & Lokey making plans 2 story plant. $75,000. Private plans.

Tex., Mexia — Plant — Humphreys-Boyd Oil Co. making plans brick, concrete and steel plant. $150,000. Private plans.

Tex., San Angelo—Plant—Middlewest Utilities Co., 72 West Adams St., Chicago, making plans rebuilding ice plant, brick and concrete, here. $75,000. Private plans.

Tex., San Antonio—Plant—Nel-Stone Co. of Texas, 320 Fredericksburg Rd. (organized by J. Walsh and associates), plans plant. $100,000. H. L. Page, 204 Crescent St., engr.

Tex., Wharton—Plant—Texas Farm Bureau Fig Growers Assn. plans 4 fig plants. $110,000.

Okla., Frederick—Compress—R. A. Harrison takes bids about March 10, 1 story, concrete and timber cotton compress with 100,000 to 150,000 bales capacity on 12 acre tract. $160,000. Private plans. Noted Jan. 22.

Wash., Hoquiam—Plant—Harbor Plywood Co. plans fir veneer plant. $325,000.

Wash., Seattle—Factory—Doran Brass Fdry., 75 Horton St., plans 2 story, 70 x 100 ft., timber factory.

Calif., Hollywood—Factory—M. R. Gray Co., had plans prepared by Morgan, Walls & Clements, 1124 Van Nuys Bldg., Los Angeles, 1 story, 91 x 173 ft., brick and stucco, Seward and Romaine Sts.

Calif., Long Beach—Plant—J. H. Baxter & Co., 108 West 6th St., Los Angeles, plans creosoting plant on Long Beach Harbor front. To exceed $150,000.

Calif., Los Angeles—Plant—Lloyd and Casler, c/o W. D. Lee, archt., 401 Sun Bldg., having plans prepared 12 story and basement, 70 x 110 ft., rein.-con. textile plant, Maple and 8th Sts. $500,000.

Ont., Kincardine—Shop—Averys Garage & Auto Repair Shop, plans rebuilding shop recently destroyed by fire. $40,000.

BIDS DESIRED

Mass., Everett (Boston P. O.) — Manufacturing — Metropolitan Lithographing & Publishing Co., taking bids 3 story, 60 x 125 ft., rein.-con. and brick, Bow St. $100,000. W. P. Hatch, 60 State St., Boston, archt. Noted Jan. 29.

N. Y., Coney Island (Sta. Brooklyn)—Shop—Feb. 13, by Bd. Transportation, 49 Lafayette St., New York City, foundations for main repair shop, and other buildings, also enclosure of electrical shop, both in Coney Island Yard.

Pa., Phila. — Plant — Feb. 10, by Ballinger Co., archts., 12th and Chestnut Sts., 1 story and basement, 110 x 225 ft., rein.-con. and brick, plain foundation, Roberts and King Sts., for Atwater-Kent Mfg. Co., Wissahickon Ave. and Abbottsford Rd.

CONTRACTS AWARDED

Mass., Everett (Boston P. O.)—Manufacturing, etc.—J. F. Herne Co., 32 Cambridge St., Charleston, 4 manufacturing and 1 office buildings, 1 and 2 story, brick and tile, to Clark & Lee, 77 Summer St., Boston.

Mass., Monson — Plant — Rubber Wheel Co., Inc., will build 1 story 35 x 70 ft., rein.-con. addition, by day labor. Private plans.

R. I., Westerly—Factory—G. G. Moore, 3 story and basement, 60 x 154 ft., brick and steel, to H. Wales Lines Co., Meriden, Conn. Archts. est. $75,000.

Conn., Hartford — Warehouse — Rogers Sash & Door Co., 3 story and basement, 82 x 112 ft., brick and concrete, plain foundation, Sanford and Windsor Sts., to Lawrence & Co., 372 Trumbull St., about $60,000.

N. C., Pittsboro—Mill—Gould & Ziegler, (1st unit) 50 x 100 ft. silk mill, to O. Z. Barber, Goldston.

Ga., Atlanta—Bakery—McCormick Co., Inc., engrs., 121 South Nigley St., Pittsburgh, Pa., 3 story, 150 x 218 ft., and 127 x 144 ft., concrete, brick and steel, here, to Lundoff-Bicknell Co., B. F. Keith Bldg., Cleveland, O., for Stone Baking Co. Archts. est. $500,000.

Buildings—Industrial (Continued)

O., Lancaster—Factory—Hocking Glass Co., c/o T. J. Collins, pres., 1 story, 40 x 200 ft., brick, steel and concrete, to Austin Co., 16112 Euclid Ave., Cleveland. Archts. est. $60,000.

Ill., Salem—Factory—Brown Shoe Co., 1610 Washington Ave., St. Louis, Mo., 3 story and basement, 44 x 250 ft. and 65 x 90 ft. brick and concrete factory, here, to Dickie Constr. Co., Syndicate Trust Bldg., St. Louis, Mo.

Wis., Milwaukee — Factory — Warren Knitting Co., 517 Wright St., 1 story, 46 x 150 ft., brick and timber, plain foundation, 2nd St., to Wisconsin Bridge & Iron Co., North Milwaukee. Archts. est. $45,000.

Wis., Milwaukee—Shop, etc.—Globe Electric Co., 14 Keefe Ave., 4 story, 32 x 100 ft., brick and concrete shop and office building, plain foundation, Keefe Ave., to A. Breest, 1202 Lake St., Milwaukee.

Mo., St. Louis—Laundry—C. Todd Overall Cleaning Co., 713 Lynch St., 2 story, 45 x 59 x 80 ft., concrete and brick, 717 Lynch St., to W. C. Harting Co., International Life Bldg. Archts. est. $40,000.

Mo., St. Louis—Plant—Ornamental Wire Co., 2631 University St., will build 1 story, 69 x 86 ft., brick and concrete addition, 2908-12 Elliot Ave., by day labor.

Mo., Webster Groves — Plant — W. S. Barnickle Co., 937 Pacific Ave., 2 story, 67 x 106 ft., brick and concrete mixing house for chemical plant, to Ames & Ames, Webster Groves.

Tex., Palestine—Plant—S. L. Watts & P. Horton, Tyler, will build 1 story, 100 x 130 ft. ice, fuel and cold storage plant, brick and steel, plain foundation, here, by day labor. $45,000. Private plans.

Calif., Beverly Hills—Plant—Globe Ice Cream Co., 230 West Jefferson St., Los Angeles, will build 1 story, rein.-con., Alpine Dr., by day labor, under supervision of J. Hausfelder, company engineer. $225,000. Noted Aug. 28.

Calif., Los Angeles—Factory—Goodwin Co., 625 South Eastlake Ave., 1 story, 32 x 84 ft., timber and plaster, Marengo Ave., to R. Roberts, 5249 Loleota St., Eagle Rock.

Calif., Monrovia—Factory—Colby Management Corp., 1 story, 300 x 300 ft., rein.-con. and steel, Monrovia St., to Austin Co. of California, 777 East Washington St., Los Angeles, $45,000.

Calif., San Francisco — Factory — Globe Electric Wks., 2 story, rein.-con., Mission and 15th Sts., to K. E. Parker Co., Clunie Bldg., $47,000.

Buildings—Commercial

PROPOSED WORK

Me., Augusta—Hotel—Weaver's Restaurant, Water St., having plans prepared by Bunker & Savage, Augusta Trust Bldg., 6 story and basement, brick addition. $150,000.

N. H., Concord—Bank and Office—New Hampshire Savings Bank, North Main St., having sketches made by J. D. Leland Co., 41 Mt. Vernon St., Boston, Mass., 5 story and basement, brick, North Main St. $150,000.

N. H., Laconia—School—State School for Feeble Minded, plans school addition. To exceed $150,000. Engineer and architect not selected.

Mass., Allston (Boston P. O.)—Garage—Seavey Realty Trust c/o B. S. Brown, engr., 65 Franklin St., plans 2 story, 120x180 ft. rein.-con., 7-11-15 Scottfield Rd., here, $150,000.

Mass., Brookline (Boston P. O.)—Apartment—Marden & Orlando Constr. Co., 333 Washington St., Boston, plans 8 story and basement, brick and limestone, St. Paul and Beacon Sts. $200,000. Engineer and architect not selected.

Mass., Boston—Commercial—J. M. Howe, 10 State St., having sketches made by R. H. Doane, 162 Newbury St., 2 or more story and basement, brick, Stuart and Tremont Sts.

Mass., Boston—Garage—J. M. Howe, 10 State St., having sketches made by R. H. Doane, 162 New Bury St., 6 story, 27,000 ft. floor space, rein.-con. and steel, Bowdoin Sq., Cambridge and Green Sts. $1,500,000. Noted Jan. 29.

Mass., Boston — Hotel — Park Sq. Hotel Corp., c/o T. M. James, archt., 3 Park St., having preliminary plans prepared, 16 story and basement, 5,900 sq.ft. floor space, rein.-con., brick, limestone and terra cotta, Park Sq., Warrenton, Carver and Stuart Sts.

Mass., Boston—Office and Store—Haines Furniture Co., 730 Washington St., C. Canner, treas., plans 14 story and basement, rein.-con., brick and stone, Kneeland and Washington Sts. To exceed $150,000. Engineer and architect not selected.

Mass., Boston—University—Boston University, Women's Graduate Com., 688 Boylston St., raising $250,000 funds for university building. Engineer and architect not selected.

Conn., Bridgeport—Apartment—W. F. Chatlos, Broad St., Stratford, takes bids about March 1, 6 story and basement, 80 x 110 ft., brick, steel and stone, Golden Hill. $350,000. J. W. Northrop, 211 State St., archt. Noted Jan. 5.

Mass., Brookline (Boston P. O.)—Store and Office—D. Rubin, 333 Washington St., Boston, having plans prepared by S. S. Eisenberg, 46 Cornhill St., Boston, 3 story or more, rein.-con., brick and stone, Commonwealth Ave., here. $150,000.

Mass., Cambridge (Boston P. O.) — Apartment—Mather Court Apartments, c/o Newhall & Blevens, archts., 9 Park St., Boston, having plans prepared 6 story and basement, rein.-con. and brick, Waterhouse St.

Mass., Cambridge (Boston P. O.)—Apartment—E. W. Wyner, 18 Tremont St., Boston, having plans redrawn by G. N. Jacobs, 4 Park St., Boston, 5 or more probably 10 story, 86 x 118 ft., brick and stone, Holyoke and Mt. Auburn Sts., here. $400,000. Noted Jan. 15.

Mass., Cambridge (Boston P. O.)—Theatre—College House Trust, c/o C. A. Newhall, 73 Tremont St., Boston, having sketches made by Mowll & Rand, 21 School St., Boston, 1 story, 50 x 100 ft., brick, steel and stone, Harvard Sq. $150,000.

Mass., Grafton — Schools — School Com., having preliminary sketches made by Brainard & Leeds, 85 Franklin St., Boston, 1 new school and 2 additions. $150,000.

Mass., Leominster — High School — School Com., plans high school. $350,000.

Mass., Leominster—School—St. Cecilia French Catholic Society, J. E. Chicoine, pastor, plans rebuilding school recently destroyed by fire. $150,000 or more. Engineer and architect not selected.

Mass., Lynn—Apartment—F. Ragosa, 36 Whitney St., having sketches made by B. E. Porter, 73 Tremont St., Boston, 5 story and basement, brick and stone, Ocean St. $150,000.

Mass., Lynn—Apartment—J. Schmishkiss & W. Somers, 125 Monroe St., plan 4 story, brick and stone, Washington St. $200,000. Engineer and architect not selected.

Mass., Malden—Theater, Store and Office—S. Spector, 24 York Terrace, Dorchester, plans theater, store and office building, 100,000 sq.ft. floor space, Malden Sq. here. Engineer and architect not selected.

Mass., Middleboro — High School — Superintendent Schools, plans brick and stone high school. $150,000 or more. Engineer and architect not selected.

Mass., Northampton — School — Supt. Schools, having sketches made by K. S. Putnam, 78 Main St., brick school. $150,000-$200,000.

Mass., Pittsfield—Bank—Sweeney & Farrell Corp., c/o G. E. Haynes, archts., 184 North St., Pittsfield, takes bids about Feb. 6, altering 4 story and basement, 50 x 125 ft., brick and steel, North St. $200,000.

Mass., Quincy (Boston P. O.) — High School — O. A. Barbour, Mayor, plans Junior High School East Squantum and Hancock Sts., Atlantic Section. $400,000. Engineer and architect not selected.

Mass., Roxbury (Boston P. O.)—Social—Owner, c/o H. Levi, 602 Commonwealth Ave., Boston, having plans prepared by McLoughlin & Burr, 88 Tremont St., Boston, 3 story and basement, brick and stone, Longwood St., here. $150,000.

Mass., Springfield—Mausoleum-Hillcrest Cemetery Corp., Parker St., having plans prepared by S. M. Green Co., 293 Bridge St., mausoleum on Parker St. $500,000. Noted Oct. 9.

Mass., Springfield—Store and Office—H. B. Robinson, Inc., 25 Harrison Ave., having plans prepared by B. H. Seabury Co., 21 Bease Pl., 3 story, brick, Harrison Ave. $180,000.

Mass., Wareham—Bank—Wareham Natl. Bank, c/o J. W. Beal & Sons, archts., 64 Summer St., Boston, having plans prepared bank, Main St. $150,000.

Mass., Watertown—Church and Community House—Union Church, J. W. Barnett, pastor, 8 Newall Rd., Needham, raising $200,000 funds for brick church and community house, Main St., here. Engineer and architect not selected.

Mass., Watertown—Library—C. F. Snow, chn. City Building Com., 62 Langdon Ave., plans branch library in East End Section. $150,000. Engineer and architect not selected.

R. I., Pawtucket—Store and Apartment—A. H. McCarthy, c/o O'Malley, Fitzsimmons Co., archts., Fanning Bldg., having preliminary sketches made for 3 story store and apartment building, Smith St. $250,000.

Conn., Greenwich—Theatre—Loew's Inc., Bway. and 45th St., New York City, having plans prepared by T. W. Lamb, 644 8th Ave., New York City, brick, steel and stone, plain foundation, here. $500,000.

Conn., New Haven — Y. W. C. A., 568 Chapel St., having plans prepared by W. F. Thompson, 342 Madison Ave., New York City, for building $250,000.

Conn., Storrs—College, etc.—Connecticut State Agriculture College, State House, Hartford, plans college and dormitory, here. $570,000.

Conn., Wallingford — Library — Choate School, G. C. St. John, head master, having plans prepared by E. P. Mellon, Pittsburgh, Pa., 3 story and basement, 45 x 140 ft., brick and steel library. $350,000.

N. Y., Albany—High School, etc.—State College for Teachers, Western Ave., had plans prepared by S. W. Jones, state archt. group of buildings incl. high school, auditorium and study hall, Western Ave. $800,000.

N. Y., Buffalo — Mercantile — H. D. Taylor Co., 101 Oak St., plans 6 story, 75 x 100 ft. mercantile building, Oak St. $225,000. Engineer and architect not selected.

N. Y., Hempstead—Theatre—Calderone Theatrical Corp., c/o H. G. Wiseman, engrs. and archts., 25 West 43rd St., New York City, plans brick, steel and stone, plain foundation, Main and Columbia Sts. $450,000.

N. Y., New York—Apartment—Townsend, Steinle & Haskell, archts., 8 West 40th St., preparing plans 69 x 92 ft., brick and stone, plain foundation, 35 West 9th St. $650,000. Owner's name withheld.

N. Y., New York — Lighthouse — New York Assn. for Blind, 111 East 59th St., had plans prepared by R. Hunt, 28 East 21st St., for wing addition. $150,000.

N. Y., New York City—Loft—M. Rosenthal, c/o M. Whinston, 116 West 39th St., archt., having plans prepared 16 story, 50 x 100 ft., brick and stone, plain foundation, 443 6th Ave. $1,000,000.

N. Y., New York — Loft — Long Beach Operating Co., c/o Shampan & Shampan, 189 Montague St., Brooklyn, having plans prepared 18 story, 100 x 100 ft., brick, steel and stone, plain foundation, West 37th St. $900,000.

N. Y., New York — Theatre — Ninety-Eighty-One Hundred and Eight Ave. A Corp., c/o H. G. Wiseman, archt. and engr., 24 West 43rd St., having plans prepared 75 x 98 ft., brick and stone, plain foundation. $200,000.

N. Y., New York—Theatre—One Hundred and Five 2nd Ave., Inc., c/o H. G. Wiseman, archt. and engr., 25 West 43rd St., having plans prepared brick, steel and stone, plain foundation, 105 2nd Ave. $400,000.

N. Y., White Plains — Hotel — Gedney Farms Hotel Co., c/o K. M. Murchison, archt. and engr., 101 Park Ave., New York City, having plans prepared brick and stone hotel, plain foundation, here. $500,000.

N. J., Asyla (mail Grenloch)—Hospital, etc. — Freeholders Camden Co., Court House, Camden, having plans prepared hospital addition $495,550, corridor $51,304, nurses and attendants home $135,256, reconstructing and adding heating to present building $41,393, reconstructing and adding plumbing $40,693, alms house $174,900, infirmary $151,580, isolation corridor $32,648. F. H. Schaeffer, Temple Bldg., Camden, engr. W. W. Sharpley, 225 Washington Sq., Phila., Pa., archt.

N. J., New Brunswick — Dormitory — Rutgers College, College Ave., had plans prepared by York & Sawyer, 50 East 41st St., New York City, John Rogers Hagaman dormitory. $200,000. Noted Jan. 17.

Pa., Altoona—Station and Depot—Pennsylvania R.R. Co., Broad Ct. Sta., Phila., having plans prepared by W. H. Cookman, c/o owner, 2 story and basement, 120 x 140 ft., brick, steel, rein.-con. and stone station and depot, here. $3,500,000.

Buildings—Commercial (Continued)

Pa., Phila.—Bank—Market St. Title & Trust Co., 52nd and Market Sts., having plans prepared by W. L. Blithe, 608 Chestnut St., 2 story and basement, 24 x 214 ft., brick and steel addition, plain foundation. $200,000.

Pa., Point Marion—School—Bd. Educ. having plans prepared by H. Waltman, Fayette Title & Trust Bldg., Uniontown, 2 story and basement, brick and tile. $150,000.

Pa., Wilkinsburg—Church—Wilkinsburg Baptist Church having plans prepared by T. Hannah, Publication Bldg., Pittsburgh, altering and constructing 2 story and basement, stone or granite addition, Wallace and Center Sts. $230,000.

Pa., Williamsport—Hotel and Theatre—F. E. Plankenkorn and Chamberlain Amusement Co., 226 West 4th St., plan 5 story and basement, 110 x 150 ft., rein.-con., brick and steel, 4th St. $400,000. Noted Nov. 13.

D. C., Wash. — Church — St. Albans Cathedral 3005 Wisconsin Ave. N. W., having plans prepared by Frohman, Robb & Little, 24 Mt. Vernon St., Boston, Mass., and takes bids in spring for an addition. $10,000,000.

D. C., Wash.—Museum and Art Gallery—Regent Smithsonian Institute, 10th and B Sts., Wash., D. C., had plans prepared by C. A. Platt, 101 Park Ave., New York City, museum and art gallery on the Mall between 8th and 9th Sts. $6,000,000. Noted Mar. 20.

Va., Richmond—Hotel—The Hockenbury System, M. G. Holtzman, representative, and O. J. Parrish, pres. Broad Street Bank, plans 8 story, 180 room hotel in central part of city. $1,000,000. Engineer and architect not selected.

Va., Salem — Orphanage — Lutheran Church South, plans new building at its orphanage. $200,000. J. Kellenberger, Greensboro, N. C., interested.

N. C., Charlotte — Store — W. H. Belk, Hawthorne Lane, c/o Belk Bros., plans two store wings one 5 story and basement 71 x 300 ft. on Trade St., and other 3 story and basement, 100 x 130 ft. on College St. $750,000. Engineer and architect not announced.

N. C., Chimney Rock — Hotels — See "Dams."

N. C., Greensboro—Y. M. C. A. having plans prepared by H. Barton, Greensboro, 4 story, brick and steel. $250,000.

N. C., High Point—Hospital—Plans election $250,000 bonds for hospital.

Fla., Jacksonville — Schools — Bd. Pub. Instruction, Duval Co. election Feb. 24, $2,500,000 bonds for schools. F. A. Hathaway, supt.

Fla., Tampa — Bank and Office — First Natl. Bank, 416 Franklin St., having plans prepared by Holmes & Winslow, 134 East 44th St., New York City, remodeling and constructing 10 story, 50 x 140 ft., Franklin and Madison Sts.

Fla., West Palm Beach—Hotel—L. W. Tuller, Tuller Hotel, Detroit, Mich., having plans prepared by L. Kamper, Kamper Bldg., Cass Ave., Detroit, Mich., 14 story and basement, rein.-con., brick and stucco, plain foundation, here. $2,000,000.

Miss., Jackson—Office—Standard Oil Co. of Kentucky, J. Dodson, dist. mgr., Jackson, making preliminary plans rein.-con., brick and stone, Amite and North State Sts. $150,000.

La., Winnsboro — School — School Bd. plans rebuilding concrete and brick school, recently destroyed by fire. $200,000. M. A. Bardwell, supt.

Tenn., Nashville — Bank and Office — American Trust Co., 235 3rd Ave. N., P. D. Houston, pres., plans probably 13 or 15 story, 47 x 104 ft., rein.-con., brick and steel, 3rd and Union Sts. $800,000.

O., Akron—Temple—North Hill Masonic Temple Co., plans 2 story and basement, North Hill. $150,000.

O., Cleveland—Apartment—Epstein Bros., 9203 Yale Ave., had plans prepared by L. R. Walker, 1900 Euclid Bldg., 3 story and basement, 74 x 94 ft., brick and timber, Chapman and Elderwood Aves. $150,000.

O., Cleveland — Commercial — Syndicate, c/o C. P. Orth, 2838 West 25th St., plans brick commercial building Euclid Ave., and Bliss Rd. $200,000. Engineer and architect not selected.

O., Cleveland — Hospital — St. Alexis Hospital, c/o Mother Superior, Bway., had plans prepared by G. S. Rider & Co., Century Bldg., 4 story and basement, 50 x 145 ft., brick, steel and concrete addition, Bway. and McBride Ave. $200,000.

O., Cleveland—Store, Office and Garage—M. C. and I. N. Stone, 1204 Guardian Bldg., having plans prepared by Morris & Weinberg, 3608 Euclid Ave., 1 and 2 story, 33 x 80 ft., with 20,000 sq.ft. floor space in garage, brick and steel, East 12th St. and Superior Ave. $150,000.

O., Dayton — School — Bd. Educ., Steel High School Bldg., having plans prepared by Pretzinger & Musselman, archts., 1155 Reibold Bldg., 2 story, Germantown St. about $250,000, also plans prepared by Herman & Brown, 1129 Reibold Bldg., 2 or 3 story, Junior High School, Huffman St., both rein.-con. and brick. $300,000.

O., East Cleveland (Cleveland, P. O.)—Apartment—I. and B. Dolinsky, 2216 East 83rd St., had plans prepared by A. F. Janowitz, 811 Prospect Ave., 3 story and basement, 40 x 74 x 96 ft., brick, Chapman Ave. $150,000.

O., Fairview—School—Bd. Educ., R. P. Jordan, clk., having plans prepared by Fulton & Taylor, 8120 Euclid Ave., 2 story and basement, 78 x 164 ft., brick, steel and concrete school. $200,000. Noted Nov. 30.

O., Rocky River—High School, etc.—Bd. Educ., K. K. Hastings, pres., plans 3 story, brick, steel and concrete school, also athletic field. $400,000. Engineer and architect not selected.

Mich., Detroit — Church — Westlawn Methodist Episcopal Church, H. G. Werner, pastor, having plans prepared by Stahl & Kinsey, 628 McKerchey Bldg., 2 story and basement, about 60 x 110 ft., concrete, brick, steel and stone, Ohio Ave. $150,000.

Mich., Detroit—High School—Bd. Educ., 1354 Bway. Ave., having plans prepared by Malcolmson & Higginbotham, 1217 Griswold St., rein.-con., brick and steel addition, plain foundation, Owen Ave. $275,000.

Mich., Detroit—Library—Detroit Library Comn. plans 2 or more 2 story and basement, rein.-con., brick and steel regional libraries, plain foundations. $200,000. Engineer and architect not selected.

Mich., Redford—Schools—Bd. Educ. having plans prepared by Verner, Wilhelm & Molby, 751 Book Bldg., Detroit, five 2 story rein.-con., brick and steel schools, in Dist. 1. $850,000 bonds approved.

Ill., Naperville — Church — St. Peter & Paul Roman Catholic Congregation, B. Schuette, pastor, having preliminary plans prepared by H. Gaul, 228 East Superior Ave., Chicago, 2 story and basement, 100 x 150 ft., concrete, brick and stone. $225,000.

Wis., Milwaukee—Apartment—Park Investment Co., c/o M. Peters, 765 Sherman Blvd., having plans prepared by M. Tullgren & Sons Co., 425 East Water St., 3 story and basement, brick and tile, plain foundation, Lisbon Ave. $150,000.

Wis., Milwaukee—Garage—H. W. Voelz, archt., 373 Bway., preparing plans 3 story and basement, 90 x 120 ft., brick and concrete, plain foundation, East Side. $150,000. Owner's name withheld.

Wis., Milwaukee—Refectory and Hospital—Concordia College, 3127 State St., having plans prepared by R. Messmer & Bros., 221 Grand Ave., 3 story, brick and concrete, plain foundation, State St. $150,000.

Wis., Milwaukee—Theatre and Business—A. H. Bartelt, 1340 8th Ave., having plans prepared by A. H. Kienappel, 445 Milwaukee St., 2 story and basement, brick and concrete, plain foundation, 8th Ave. $160,000.

Ia., Corning—School—Plans new election $175,000 bonds for 2 story and basement, concrete and brick school, for Bd. Educ. Thomas, McLennan & Thomas, 527 West 27th St., Des Moines, Ia., archts. Noted Jan. 29.

Ia., Des Moines—Warehouse and Office—International Harvester Co. of America, 606 South Michigan Ave., Chicago, making preliminary plans 5 story and basement, 90 x 150 ft., brick and concrete, Court and East 7th Sts., here. W. D. Price, supt.

Ia., Marengo—School—Voted $150,000 bonds for school. D. Gode, secy. Bd. Educ. Noted Jan. 8.

Minn., St. Paul—Warehouse and Garage—Tri-State Telephone & Telegraph Co., 369 Cedar St., having plans prepared by Mather & Fleishbein, 442 Endicott Bldg., 3 story and basement, rein.-con. and brick, 10th St. $150,000.

Kan., Ft. Scott—Auditorium—City soon takes bids 2 story and basement, 120 x 150 ft., rein.-con., brick and stone auditorium. $175,000. W. T. Schmitt, 1634 West 10th St., Oklahoma City, Okla., archt. Noted Dec. 4.

Kan., Hiawatha—Court House and Jail—Brown Co. takes bids about March 15, 3 story, 88 x 104 ft. court house, and 3 story, 32 x 58 ft. jail, both rein.-con., brick and stone. $350,000. W. E. Hulse & Co., Stamey Hotel Bldg., Hutchinson, archts. Noted Jan. 15.

S. D., Redfield—Court House—Spink Co., plans 3 story and basement, rein.-con. and brick court house. $270,000. Engineer and architect not announced.

S. D., Sioux Falls — Hospital—Lutheran Hospital Assn., T. M. Erickson, dir., plans 3 story and basement, rein.-con., brick and stone, 18th St. and Minnesota Ave., $150,000. Engineer and architect not announced.

Mo., Kansas City—Theatre and Office—E. J. Willet, 806 Lathrop Bldg., soon takes bids 12 story and basement, 76 x 160 ft., rein.-con., brick, stone and terra cotta, Bway. and Valentine Rd. R. Gornall, 203 Bruening Bldg., archt.

Mo., St. Louis — Church — Compton Heights Christian Church, c/o J. C. Coil, 2800 St. Vincent St., pastor, plans 2 story and basement, brick, concrete and stone, Grand and Flora Sts. $150,000.

Mo., St. Louis — Office — Syndicate of Dentists, c/o St. Louis Dental Society, making preliminary plans 10 or 12 story and basement, brick, stone, steel and concrete, 14th and Olive Sts.

Ark., Little Rock—Hospital—State having preliminary plans prepared 3 story, brick, concrete and stone hospital, here. $500,000.

Tex., Galveston—Warehouse—Wiley & Nicholas Co., 518 35th St., c/o E. Eggers, supt., plans 1 or 2 story, 250 x 400 ft. warehouse, Ave. F. $200,000. Engineer and architect not selected.

Tex., Marshall—Dormitory—Wile University of Colorado, c/o president, having plans prepared by J. Carpenter, Marshall, 4 story and basement, 60 x 170 ft., rein.-con. and brick, plain foundation. $150,000.

Tex., Temple—Hospital—Gulf Colorado & Santa Fe Ry., Temple, soon takes bids 3 story and part basement addition, brick and stone, plain foundation. $150,000. Private plans. Noted Dec. 25.

Tex., San Antonio—Hotel—H. T. Phelps, archt. and engr., Hicks Bldg., soon lets contract 7 story and part basement, rein.-con., brick and stone, plain foundation, Nacagdoches and Crockett Sts., for Order of Odd Fellows, c/o Crockett Hotel. $150,000.

Okla., Guthrie — Hospital — Methodist Episcopal Church South, 19th and Werner Sts., voted $200,000 bonds for 3 story and basement church on Harrison St. Engineer and architect not selected. Noted Nov. 27.

Okla., Hollis—Court House—Harrison Co. plans election March 10, to vote $175,000 bonds for 2 story and basement, 80 x 150 ft., rein.-con. and brick, plain foundation, Jackson St. Engineer and architect not announced. H. H. Smith, city clk.

Okla., Oklahoma City—Apartment—G. T. Blankenship, Braniff Bldg., having preliminary plans prepared by Hawk & Parr, Cotton Exch. Bldg., 10 story and basement, 100 x 150 ft., rein.-con. and brick, plain foundation, Robinson St. $1,000,000.

Wash., Everett — Office — A. A. Gaston takes bids about March 19, 6 story, 48 x 120 ft., rein.-con. with brick or terra cotta facing. $165,000.

Calif., Beverly Glen (Los Angeles P. O.)—School—Elliott School for Girls, 1302 South Gramercy Pl., Los Angeles, having plans prepared by C. H. Kyson, 6034 Hollywood Blvd., Los Angeles, 1 and 2 story, rein.-con., Wilshire Blvd. $350,000.

Ore., Corvallis—Theatre, etc.—State of Oregon Agricultural College having plans prepared by L. A. Thomas, U. S. Natl. Bank Bldg., Portland, theatre, memorial hall, etc., on campus. $200,000.

Calif., Eureka—Hotel—Interests represented by Chamber of Commerce, having preliminary plans prepared by N. Ackerman, Eureka, approximately 4 story, brick and concrete, F and 2nd Sts. $150,000.

Calif., Long Beach—Apartment—Davies & Lockridge, archts., Farmers & Merchants Bank Bldg., preparing preliminary plans approximately 12 story, Class A construction, East Ocean Blvd. $1,000,000. Owners name withheld.

Calif., Los Angeles—Hotel—Business District Development Co., Merchants Natl. Bank Bldg., had plans prepared by C. F. Whittlesey, 6533 Hollywood Blvd., and soon takes bids 6 story, 48 x 212 ft., Class A construction, Cahuenga Ave. $150,000 or more.

Calif., Los Angeles—Terminal and Office—Schultze & Weaver, archts., Pacific Mutual Bldg., take bids about Feb. 25, terminal and office building, Hill St., for Subway Terminal Corp., c/o archts., $2,000,000. Noted Jan. 29.

Buildings—Commercial (Continued)

Calif., Oakland—Home—Y. W. C. A., 21st St. and Telegraph Ave., purchased site and plans brick and rein.-con. boarding home, Harrison St. $250,000.

Calif., San Francisco—Theater, Store and Office—W. B. Wagnon, 325 Bush St., purchased site and plans Class A construction, Market St. near Hyde St. $3,000,000 or more. A. Pantages, Pantages Theater Bldg., lessee.

Calif., Santa Monica—Parish House—St. Monicas Parish having plans prepared by A. C. Martin, 228 Higgins Bldg., Los Angeles, 1 story, stucco, stone, brick or hollow tile, Santa Monica Ave. $150,000.

Calif., Yreka—Hospital and Jail—Siskiyou Co. plans hospital and jail. $150,000 or more funds probably raised through bond issue.

Ont., Ottawa—Vestry—Ottawa Roman Catholic Diocese, St. Patrick St., plans new vestry in connection with Ottawa Basilica, Sussex St. $250,000.

Ont., Pembroke—High School—School Bd. takes bids in spring, 2 story and basement, 14 room, rein.-con. and brick, plain foundation, Isabella Ave. $150,000. Engineer and architect not selected.

Ont., Toronto—Hospital—Western Hospital, Bathurst St., soon takes bids 3 story and basement, rein.-con., brick and steel addition, plain foundation. $250,000. E. J. Lennox, 364 Bay St., archt.

B. C., Vancouver—Store—Woodwards Ltd., Hastings and Abbott Sts., takes bids about March 1, 6 story and basement, 87 x 152 ft. rein.-con., brick and tile, Cordova and Abbott Sts. $400,000. W. T. Whiteway, Dominion Bldg., archt. P. P. Brown, 410 London Bldg., engr.

BIDS DESIRED

N. H., Milford—School—Bd. Selectmen taking bids 2 story and basement, 70 x 150 ft., brick and stone school. $150,000. Mulhall & Holmes, 33 Newbury St., Boston, Mass., archts. Noted Jan. 15.

Mass., Boston—Bank—Feb. 9, by Boston Five Cent Savings Bank, 24-32 School St., 10 story and basement, 80 x 130 ft., rein.-con., brick and steel, $1,000,000. Parker, Thomas & Rice, 177 State St., archts. Noted Oct. 9.

Mass., Boston—Club—University Club, J. W. Powell, pres., 24 Federal St., taking bids, 4 and 6 story and basement, brick and limestone, plain foundation, Stuart St., and Trinity Pl. $1,750,000. Monks & Johnson, 99 Chauncy St., archts. Noted Dec. 4.

Mass., Boston—Garage—H. I. Shackley, 582 Massachusetts Ave., taking bids 4 story, 70,000 sq.ft. floor space rein.-con. and brick, plain foundation, 18-20 Deerfield St. $250,000. Mulhall & Holmes, 33 Newbury St., archts. Noted Jan. 1.

Mass., Chelsea — Club — Chelsea Council Knights of Columbus Bway., taking bids remodeling 4 story, brick club house, 220 Bway. $150,000 or more. J. M. Gray Co., 175 High St., Boston, archts., Noted Jan. 1.

Mass., Springfield—School—City Property Com., taking bids Bowles School, 2 story and basement, 60 x 158 ft., rein.-con., brick and steel, plain foundation. $150,000. M. W. Maloney, 23 Pearl St., archt. Noted Jan. 8.

Conn., Hartford — Business — Rosen & Kanter, 995 Main St., taking bids 1 story and basement, 130 x 150 ft., brick and limestone, Farmington Ave. $125,000-$150,000. Whiton & McMahon, 36 Pearl St., archts.

Conn., Hartford—Store and Apartment—B. Golden, 528 Windsor Ave., taking bids 4 story and basement, 54 x 115 ft., rein.-con., brick and stone, Windsor Ave. and Nelson St. $150,000. G. Zunner, 230 Quaker St., South Hartford, archt.

Conn., Stamford—School—Feb. 14 by L. A. Walsh, archt., 51 Leavenworth St., Waterbury, 3 story and basement, 60x120 ft., brick and stone, plain foundation, Strawberry Hill, here, for Sisters of St. Joseph, 210 Strawberry Hill. $250,000. Noted Jan. 8.

Conn., Waterbury—School—St. Josephs Roman Catholic Church, taking bids superstructure 2 story and basement, 70 x 130 ft., brick and stone, John St. $150,000. O'Connell & Shaw, 18 Boylston St., Boston, Mass., archts. Noted Aug. 21.

N. Y., Hudson—Training School—Mar. 5, by Superintendent Purchase, Capitol, Albany, reconstruction of Industrial Building at New York State Training School for Girls, here; adv. E. N.-R. Feb. 5.

New Jersey—Schools—Feb. 21, by Hopewell Twp. School Bd., Hopewell, constructing 2 schools, one at Hopewell, and one at Pennington. $255,000. J. O. Hunt, 219 East Hanover St., Trenton, archt. Noted Jan. 29.

Pa., Germantown (Phila. P. O.)—Hospital—Feb. 20, by A. H. Brockie, archt., 254 South 15th St., Phila., 5 story and basement 45 x 155 ft., 49 x 77 ft. and 55 x 167 ft., brick and steel, plain foundations, for Germantown Dispensary & Hospital, Wistar and Penn Sts.

Pa., Phila.—Apartment—Feb. 20, by L. B. Rothschild, archt., 215 South Broad St., 12 story and basement, 40 x 170 ft., brick and steel, plain foundation, 17th and Walnut Sts., for Seventeenth & Walnut St. Corp., c/o architect.

Pa., Shamokin — School — Feb. 18, by School Bd., 2 story and basement, 83 x 142 ft., brick and steel, plain foundation, in Coal Twp., Northumberland Co. A. Reilly, Burnett Bldg., Wilkes Barre, archt.

D. C., Wash.—Dormitory—Amer. University, Nebraska and Massachusetts Ave. N. W., taking bids for womens dormitory. $260,000. C. P. Anderson, Southern Bldg., archt.

D. C., Wash.—Hotel—Washington Modern Homes Co., 816 15th St. N. W., taking bids commercial hotel, 10th and E Sts. $1,000,000. J. W. Kearney, 1421 F St. N. W., archt.

D. C., Wash—Office—W. F. Dennis, 1530 K St. N. W., taking bids office building, 14th St. between K and L Sts. N. W. $300,000. R. P. Clark, Jr., 816 14th St., archt.

O., Bambier—Science—Feb. 11, by A. Garfield, archt., Natl. City Bldg., Cleveland, 3 story and basement, 83 x 123 ft., brick, steel and concrete, science building, here, for Kenyon College. $150,000. Clark, MacMullen & Riley, Marion Bldg., Cleveland, mechanical engrs. Noted July 10.

O., Bremen—High School—Feb. 27, by Bd. Educ., D. S. Miller, clk., 2 story and basement, 148 x 150 ft., rein.-con. and brick high school. $150,000. F. J. Porter, 1934 Summit St., Columbus, archt. Noted Nov. 20.

O., Mansfield—School—Feb. 14, by Bd. Educ., 2 story and basement, 100 x 115 ft., rein.-con. and brick, known as Richland Co. School. $160,000. Althouse & Jones, Mansfield, archts.

Mich., Detroit—School—Feb. 16, by C. A. Gadd, business mgr. Bd. Educ., 1354 Bway., Burroughs School, 2 story and part basement, rein.-con., brick and steel, plain foundation, Centerline Ave. $300,000. Malcomson & Higginbotham, 1217 Griswold St., archts.

Ill., Freeport—School—March 17, by E. Graham, secy. Bd. Educ. for School Dist. L. 145, Stephenson Co., 3 story and basement, concrete and stone school. $450,000. Royer, Danely & Smith, Urbana, archts. Noted Dec. 11.

Wis., Rhinelander—High School—Feb. 26, by Bd. Educ., A. Moe, clk., (1st unit) Junior High School, 2 story and basement, brick, tile and concrete, plain foundation. Total $400,000. Smith, Reynolds & Bryandt, Dempsey Bldg., Monitowoc, archts.

Kan., Kansas City—Bank and Office—Hoggson Bros., archts. and engrs., First Natl. Bank Bldg., Chicago, Ill., will build 7 story and basement, 75 x 114 ft., rein.-con., brick, stone and terra cotta. Minnesota and 6th Sts. for Commercial Natl. Bank, 553 Minnesota Ave. Work will be done by separate contracts. $500,000.

Mo., Kansas City—Church—First Baptist Congregation, D. J. Evans, pastor, taking bids remodeling present building and constructing new 2 story and basement, 160 x 175 ft., native stone and concrete, Linwood Blvd. between Olive and Park Sts. $600,000. J. H. Felt & Co., 800 Grand Ave. Temple, archt.

Mo., Jefferson City—High School—Feb. 18, by Bd. Educ., W. T. Carrington, secy., 3 story and basement, 115x190 ft., brick, stone and rein.-con. $250,000. Owen, Payson & Carswell, 505 Interstate Bldg., Kansas City, archts.

Mo., St. Louis—Union Halls, etc.—Carpenters Dist. Council, 3024 Olive St., will build 2 story and basement, 120 x 125 ft., rein.-con., brick and terra cotta union halls, stores, etc., Grand Blvd. and Cozens Ave. $260,000. Work will be done by separate contracts under supervision of P. J. Bradshaw, archt. International Life Bldg.

Tex., San Antonio—Hotel—J. M. Nix & Co., c/o Travis Bldg., taking bids and opens same about Feb. 15, 8 story and part basement, 60 x 90 ft., rein.-con., brick and stone, plain foundation, St. Marys and Travis Sts. H. T. Phelps, Hicks Bldg., engr. and archt. Noted Nov. 27.

Calif., Los Angeles—Hospital—California Lutheran Hospital Assn., 1414 South Hope St., taking bids 9 story and basement, 196 x 197 ft., rein.-con., brick and stone, 15th and Hope Sts. Walker & Eisen, 701 Great Republican Life Bldg., archts. Noted Jan. 22.

Calif., Los Angeles—School—Feb. 11, by Bd. Educ., 2 and 1 story, brick, concrete and timber, 6th and Frasier Sts. $600,000. G. M. Lindsey, 327 Laughlin Bldg., archt.

Calif., Los Angeles—Store and Office—Los Angeles Investment Co., c/o Walker & Eisen, archts., Great Republic Bldg., will build 12 story and basement, 85 x 140 ft., rein.-con., Bway. near 10th St. $600,000. Work will be done by separate contracts, under supervision of architects. Noted Jan. 15.

BIDS RECEIVED

Mass., Jamaica Plain (Boston P. O.) — School—Schoolhouse Dept., Boston, 3 story and basement, 70 x 130 ft., brick and stone, Elm St., from McDonald & Imhoff, 164 Dudley St., Roxbury, $333,720. Noted Jan. 22.

CONTRACTS AWARDED

Me., Boothbay Harbor—Hotel—Boothbay Hotel Co., c/o T. H. Stevens, will build 4 story and basement, 40 x 85 ft., and 45 x 80 ft., brick addition, by day labor. $350,000. Gibbs & Pulsifer, 14 Lisbon St., Lewiston, archts. Noted Jan. 8.

N. H., Portsmouth—Hospital—City, G. Seybolt, chn., 3 story and basement, 30 x 50 ft., and 40 x 55 ft., brick and steel addition, to H. P. Cumming Constr. Co., 14 Prospect St., Ware, Mass. Archts. est. $150,000.

Mass., Boston — Apartment — Rotman & Hurwitz, 572 Huntington Ave., will build 3 story and basement, brick and stone, 1625-1645 Commonwealth Ave., by day labor. $400,000. Silverman, Brown & Heenan, 51 Cornhill Ave., archts.

Mass., Brookline—Apartment—J. Miller, 130 Callender St., Dorchester, will build 3 story and basement, 120 x 120 ft., brick and cast stone, plain foundation, Winchester St., by day labor. $450,000. S. S. Levy, 35 Court St., Boston, archts. Noted Jan. 22.

Mass., New Bedford — Hospital — St. Lukes Hospital Corp., T. S. Hathaway, Allen St., 2 story and basement, brick and cast stone, Page and Allen Sts., to J. W. Bishop Co., Times Bldg., New Bedford. Archts. est. $160,000. Noted Dec. 18.

Mass., Newtonville — School — H. Fitts, chn., City Hall, Newton, 3 story and basement, brick and stone, Elm Rd. and Walnut St., to J. Bowen Co., 184 Dudley St., Roxbury, $657,735, plumbing, to P. W. Donohue, 170 Purchase St., Boston, $32,200, heating and ventilating to J. S. Cassady, 133 Austin St., Cambridge, $97,500. Noted Jan. 22.

Mass., Somerville—Apartment—Winter Hill Realty Co., c/o A. W. Bowditch, archt., 44 Bromfield St., 5 story and basement, 115 x 200 ft., rein.-con. and brick, Bway. and Bond St., to G. A. Nute, West Canton St., Boston. Archts. est. $300,000. Noted Jan. 8.

Mass., West Roxbury (Boston P. O.)—School—Schoolhouse Dept., Boston, 2 and 3 story and basement, 40 x 170 ft., and 80 x 110 ft., brick, limestone and granite addition to Washington Irving Intermediate School, plain foundation, Charles Sumner Dist., here, to Alco Constr. Co., Inc., 43 Tremont St., Boston, $470,000. Noted Jan. 29.

Mass., Worcester — Apartment — Mr. Katz, 51 Dorchester St., will build 3 story and basement, brick and stone, Dorchester St., by day labor. $150,000. E. T. Chapin, 340 Main St., archt.

Conn., New Britain — School — School Comn., J. H. Halloran, chn., altering and constructing 2 story and basement, 90 x 110 ft., brick addition to Stanley School, Stanley St., to T. W. Crowe, 64 Grove St. Archts. est. $200,000. Noted Jan. 15.

N. Y., Brooklyn—School—Bd. Educ., 500 Park Ave., New York, addition to P. S. 35, Decatur St. and Lewis Ave., here, to Blumar Constr. Co., 25 West 43rd St., New York City, $221,599; heating and ventilating apparatus, to H. Starkman & Bros., 1482 2nd Ave., New York City, $38,200. Noted Jan. 20.

N. Y., Buffalo — Theatre — McNaughton Realty Co., Inc., 40 Court St., 1 story, 143 x 183 ft., brick, steel and concrete theatre, to J. Gill & Sons, Bulkley Bldg., Cleveland, O. Archts. est. $250,000.

N. C., Charlotte—Sales and Service—C. C. Coddington, Inc., 5 story, 100x200 ft., concrete and steel to Realty Constr. Co., Wilmington, Del., $250,000.

N. Y., New York—Church—Bd. Trustees Cathedral of St. John the Divine, 110th St. and Amsterdam Ave., 132 x 225 ft. nave, 175 ft. high (outside dimensions), to Jacobs & Youngs, 116 West 32nd St., $5,900,000.

Buildings—Commercial (Continued)

N. Y., New York—School—Bd. Educ., 500 Park Ave., general contract for P. S. 86, Reservoir Ave. and West 195th St., to Rosenthal Eng. & Constr. Co., Prospect Ave. and 189th St., $733,000; plumbing, to W. J. Endres, Grand Central Terminal, $42,224; heating, to T. F. Hall, Inc., 213 East 44th St., $85,921. Noted Jan. 8.

Pa., Johnstown—Warehouse—Johnstown Terminal Warehouse Co., general contract 5 story and basement, 133 x 242 ft., rein.-con. and brick, Maple Ave. and Jasper St., to Turner Constr. Co., 11 Goodell St., Buffalo, N. Y. Archts. est. $600,000. Noted Oct. 9.

Pa., Phila.—Store—Gimbel Bros., 9th and Market Sts., brick and steel department store, plain foundation, to Thompson-Starrett Co., 49 Wall St., New York City. Archts. est. $1,000,000.

Pa., West View—High School—Bd. Educ. general contract 2 story and basement, 68 x 110 ft. with two 25 x 62 ft. wings, to Rose & Fisher, Martin Bldg., Pittsburgh. Archts. est. $150,000.

Md., Baltimore—School—Mayor and City Council, City Hall, 3 story and basement, 120 x 215 ft., brick and steel, plain foundation, Roland and Linwood Aves., to P. C. Street Eng. Co., 406 St. Paul St., $254,900.

D. C., Wash.—School—Lewis Hotel Training School, 1340 New York Ave., school, Washington Circle and Pennsylvania Ave., to Skinker & Garrett, 1416 F St. N. W., $150,000.

O., Cleveland—School—St. Andrews Roman Catholic Church, S. Gmuca, pastor, 5103 Superior Ave., 2 story and basement, 100 x 150 ft., brick, steel and concrete, East 51st St. near Superior Ave., to C. A. Carson Co., 5716 Euclid Ave. Archts. est. $175,000. Noted Dec. 11.

O., Cleveland—School and Church—St. Emericks Roman Catholic Church, c/o J. Hartel, pastor, 1924 West 22nd St., 2 story and basement, brick, steel and concrete, to C. Peterson Co., 4500 Euclid Ave. Archts. est. $175,000.

O., Youngstown — Auditorium — H. H. Stambaugh Memorial, c/o J. Stambaugh, Stambaugh Bldg., 2 story, 179 x 224 ft., brick, steel and concrete, to Hegeman-Harris Co., 360 Madison Ave., New York City. Archts. est. $2,000,000.

Ill., Cairo—School—Bd. Educ., general contract 2 story, brick and concrete school building, to Great Lakes Constr. Co., 25 East Jackson Blvd., Chicago, $305,000; heating, to La Hue Bros., Cairo, $58,000; plumbing, to J. Schield, Cairo, $28,000. Noted Dec. 25.

Ill., Duquoin — Church — First Baptist Congregation, 2 story, 97 x 118 ft., concrete, brick and stone church, to J. W. Montgomery, Sidell.

Ia., Cedar Rapids—Apartment—Commonwealth Apartment Co., 503 Security Bldg., general contract 6 story and basement, 140 x 140 ft., rein.-con., brick, steel and stone, to O. F. Paulson, Granby Bldg., $301,000. Noted Dec. 25.

Mo., Springfield—Apartment—J. J. Woodruff, Woodruff Bldg., will build 4 story and basement, 95x150 ft., with 40x42 ft. wing, brick, concrete and stone, by day labor. $350,000. H. Z. Dietz, C. E. Toombs and Caldwell & Son, Woodruff Bldg., archts.

Mo., St. Louis—Apartment and Store—Dougherty Real Estate Co., 803 Chestnut St., 3 story and basement, 53 x 175 ft., brick, terra cotta and concrete, Lindell Blvd. and Whittier Ave., to W. Sheehan, 721 Chestnut St. Archts. est. $250,000.

Mo., St. Louis—Sales and Service—C. S. Mueri Building & Realty Co., 3423 Chippewa St., 2 story and basement, rein.-con., brick and terra cotta, 3949-73 Lindell Blvd., to Widmer Eng. Co., Laclede Gas Bldg. Archts. est. $250,000.

Mo., St. Louis — School — St. Mary Magdalene Parish, J. J. Thompson, pastor, 2 story and basement, 130 x 180 ft., brick and concrete, to Gillespie & Daly, International Life Bldg. Noted Jan. 15.

Tex., Ft. Worth — Office — First Natl. Bank of Ft. Worth, 11 story and basement, 50 x 100 ft., brick and steel addition, plain foundation, 7th Ave., to H. B. Friedman Constr. Co., 1st Natl. Bank, approximately $400,000. Noted Jan. 29.

Calif., Los Angeles — Arcade, Store and Apartment—E. D. Henderson, 5 story, 110 x 290 ft., brick, stone and steel, 1241 North Vine St., to A. Bard & Co., 421 Union Oil Bldg., $400,000.

Calif., Los Angeles—Garage and Loft—Goodman Rosenberg & Co., 13 story and basement, 50 x 90 ft., pressed brick, terra cotta, steel and tile, 7th and Los Angeles Sts., to Edwards, Wildey & Dixon, 515 Black Bldg., $252,000. Noted Nov. 6.

Calif., Los Angeles—Garage and Loft—Coco-Cola Bottling & Distributing Co., 1334 South Central Ave., 4 story, 90 x 90 ft., rein.-con., 14th and Birch Sts., to J. M. Cooper, 321 Marsh-Strong Bldg., $150,000. Noted Jan. 29.

Calif., Los Angeles—Hotel—H. Fukui, 707 Turner St., 4 story and basement, 60 x 175 ft., brick and concrete, North San Pedro St., to R. E. Milsap, Marsh-Strong Bldg., Los Angeles, $150,000.

Calif., Oakland—Office and Bank—Central Natl. Bank, 14th St. and Bway., 16 story and basement, Class A construction, to Dinwiddie Constr. Co., Crocker Bldg., San Francisco, $1,156,000.

Calif., San Francisco—Apartment—D. J. Clancy, 285 Kearny St., will build 6 story and basement, brick and steel, Octavia and Sacramento Sts., by day labor. $150,000.

Calif., San Pedro — Office — Channel Constr. Co., 1030 Bank of Italy Bldg., Los Angeles, 10 story and basement, 60 x 175 ft., rein.-con. and hollow tile, 1st and Front Sts., to Williams Constr. Co., Marsh-Strong Bldg., Los Angeles. Approximately $500,000.

Federal Government Work

BIDS DESIRED

N. Y., New York—Tower—Feb. 28, by U. S. Engineer Office, Room 608 Army Bldg., 100 ft. steel tower; adv. E. N.-R. Feb. 5.

Pa., Pittsburgh—Boat Hull—Feb. 27, by U. S. Engineers Office, 1 steel derrick boat hull; adv. E. N.-R. Feb. 5.

Del., Wilmington—Stone—Feb. 27, by U. S. Engineers Office, War Dept., Wash., D. C., about 20,000 tons stone at Ready Point.

Md., Annapolis—Well Houses—Spec. 5056—Feb. 25, by Bureau Yards & Docks, Navy Dept., Wash., D. C., well houses at Naval Academy, here. Noted Jan. 8.

D. C., Wash.—Pumping Units—Mar. 3, by U. S. Engineer Office, 250 Old Land Office Bldg., furnishing, installing and testing motor driven pumping units for water supply; adv. E. N.-R. Feb. 5.

Miss., Gulf—Electric Wiring—Feb. 17, at Treasury Dept., Supervising Archts. office, Wash., D. C., furnishing and delivering electric wiring, materials, lumber, etc., here, all carrier charges paid on wharf.

Miss., Vicksburg—Barges—Feb. 28, by U. S. Engineer Office, P. O. Box 421, 2 creosoted wooden barges for Dams 3 and 6, Ouachita River; adv. E. N.-R. Feb. 5.

Tenn., Memphis—Rope—Mar. 2, by Mississippi River Comn., 1st and 2nd Dists., Room 1006 McCall Bldg., 111,200 lb. Manila rope; adv. E. N.-R. Feb. 5.

Tenn., Memphis—Wire, etc.—Mar. 2, by Mississippi River Comn., 1st and 2nd Dists., Room 1006 McCall Bldg., furnishing galvanized wire, wire strand, staples, wire rope clips and fiber clad rope; adv. E. N.-R. Feb. 5.

Ill., Great Lakes—Water Intake—Spec. 5034—Feb. 25, Bureau Yards & Docks, Navy Dept., Wash., D. C., water intake extension at Naval training station. Noted Jan. 15.

Kan., Ft. Leavenworth—Bridge—Feb. 16, by H. F. Stone, attorney general U. S. Dept. of Justice, Wash., D. C., reconstructing old bridge; adv. E. N.-R. Feb. 5.

Neb., Lincoln—Dam—Mar. 10, at office Bureau Reclamation, Mitchell, constructing Guernsey Dam, 355,000 cu.yd. sluiced embankment, 234,000 cu.yd. excav., etc, here. E. Mead, comr.; adv. E. N.-R. Feb. 5.

Mo., Jefferson Barracks (Ind. Br. St. Louis) — Storehouse — March 3, by U. S. Veterans Bureau, Room 791, Arlington Bldg., Wash., D. C., complete storehouse at U. S. Veterans Hospital 92, here. F. T. Hines, dir.; adv. E. N.-R. Feb. 5.

Colo., Denver—Turbines, etc.—Mar. 12, by Dept. Interior, Bureau Reclamation, 2 hydraulic turbines, 2 generators, 4 transformers, etc. adv. E. N.-R. Feb. 5.

Calif., Mare Island—Alterations—Spec. 5034—Feb. 25, Bureau Yards & Docks, Navy Dept., Wash., D. C., alterations to Building 34, marine barracks here. Noted Jan. 29.

Calif., San Diego—Paving, etc.—Spec. 5071—Mar. 2, by Bureau Yards & Docks, Navy Dept., Wash., D. C., paving and extending sewer and water lines at Naval Training Station.

CONTRACTS AWARDED

D. C., Wash.—Reviewing Stand—U. S. Government, reviewing stand, to Skinker & Garrett, 1416 F St. N. W., $15,994.

Ga., Fort Benning—Barracks—Constructing Quartermaster, War Dept., Wash., D. C., 1st section regimental barracks, here, to A. Blair, 11 South Lawrence St., Montgomery, Ala., $317,425. Noted Jan. 29.

Tennessee and Kentucky—Aerial Survey—U. S. Army Engineers, Wash., D. C., aerial survey, about 200 mi. in Cumberland River from Granville, Tenn. to Lock 21, Burnside, Ky., for power development possibilities, to Aerial Surveys, Inc., 823 Lakeside Ave. N. W., Cleveland, O.

Ky., Louisville—Lock—U. S. Engineer's Office, War Dept., Wash., D. C., Lock 51, Ohio River, to United Gas Impvt. Contg. Co., Broad and Arch Sts., Phila., Pa. $1,295,311.

Tex., Galveston — Radio Masts — Spec. 5036—Bureau Yards & Docks, Navy Dept., Wash., D. C., radio masts at Naval Compass Station, to J. E. Lingo & Son, Foot of Elm St., Camden, N. J., $1,640. Noted Jan. 22.

FEDERAL POWER COMMISSION

Applications for Licenses and Permits

Applications

560—California-Oregon Power Co., Medford, Ore.—Wants license for 77½ mi. transmission line from Copco to Delta forming interconnection between applicants' system and Pacific Gas & Electric Co.

561—J. A. Shafer, 1008 Odd Fellows Bldg., Indianapolis, Ind. — Wants preliminary permit for power project in Wabash River, Ill., and east fork of White River, Ind.

562—Inland Power & Light Co., Portland, Ore. — Wants license for 62.7 mi. transmission line from Pasco, Wash., to Pendleton, Ore.

563 — Interstate Pub. Serv. Co., Indianapolis, Ind.—Wants preliminary permit for power project about 2 mi. downstream from Bristol, Ind., in St. Joseph River.

564—W. C. McCowan, Odd Fellows Bldg., Bakersfield, Calif.—Wants preliminary permit for power and irrigation development in Kern River, Kern Co.

565—City of Lewiston, Idaho.—Wants preliminary permit for 30 ft. dam with power house, etc., in Clearwater River, Nez Perce Co.

566—Kentucky Hydro-Electric Co., Louisville, Ky.—Wants preliminary permit for 160 ft. dam about 1 mi. from Booneville, South fork of Kentucky River, Owsley and Clay Counties.

567—East Bay Municipal Utility Dist., 505 17th St., Oakland, Calif.—Wants preliminary permit for power project in Mokelumne River, Mokelumne, Rio, Amador and Calaveras Counties.

Unclassified

PROPOSED WORK

Grade Crossing—Quincy (Ind. Bd. Boston), **Mass.**—Plans abolishing grade crossing at Quincy and Quincy Adams railroad stations of New York, New Haven & Hartford R.R. $100,000. Cost probably shared by City, State and Railroad Co. Engineer not selected.

Golf Course, etc.—Chimney Rock, N. C.—See "Dams."

Stadium—Jacksonville, Fla.—City having preliminary plans prepared by W. E. Sheddan, city engr. municipal stadium. F. M. Valz, comr. Pub. Wks.

Docks — South Jacksonville (Ind. Br. Jacksonville), **Fla.** — See "Streets and Roads."

Sea Wall — Mississippi — Harrison Co. (Gulfport) soon takes bids sea wall along beach front from Biloxi to Pass Christian, incl. 75 train loads cement, gravel, sand and steel to complete work. $2,000,000. D. H. Shaw, City Hall, engr. Noted Jan. 29.

Car Barns—Cleveland, O.—Cleveland Ry. Co., c/o G. L. Radcliffe, vice-pres. Hanna Bldg., plans 1 story, brick, steel and concrete car barns, West 117 St. and Lorain Ave. $300,000. Engineer and architect not selected.

Unclassified (Continued)

Athletic Field — Rocky River, O. — See "Buildings—Commercial."

Circle for Park Entrance—St. Louis, Mo.—Making preliminary plans circle entrance to Forest Park at Kingshighway and Oakland Ave. and providing connection with Arco and Oakland Aves., 380 ft. diam., incl. grading, curbing, paving, etc. $138,000. H. Bartholomew, Municipal Court Bldg., engr.

Stadium and Athletic Field—St. Louis, Mo.—Bd. Educ., 911 Locust St., soon takes bids on 1st units rein.-con. stadium, 50,000-60,000 seating capacity, also athletic field, Kingshighway and St. Louis Aves. $1,000,000. R. M. Mulligan, c/o owner, engr.

Wharf — Beaumont, Tex. — See "Buildings—Industrial."

Gas Holder — Portland, Ore. — Portland Gas & Coke Co., Gas Co. Bldg., takes bids about March 15, 18 ft. diam. gas holder, 3,000,000 cu.yd. capacity, East 9th and Taggert Sts. $300,000. Address G. W. Talbot, pres.

Ornamental Street Lighting System—Colton, Calif.—Plans ornamental street lighting system on 8th St. $45,000.

Concrete Pipe and Conduits—Los Angeles, Calif.—Los Angeles Co. (Drainage Impvt. Project 11), making plans 48, 63 and 72 in. rein.-con. pipe, 24, 30, 36, 48, 54, 57 and 66, in. diam.; open earth canal 40 ft. wide; 6 x 9 ft., 7 x 9 ft., 9 x 11 ft., 10 x 12½ ft. rein.-con. double covered, 9 x 12 ft., 5 x 9 ft., 6 x 12 ft., and 8 x 11 ft. rein.-con. covered and 9½ x 12½ ft. rein.-con. double covered conduits, etc. $1,800,000. J. H. Rockhold, Hall of Records Bldg., engr.

Condensor, Transformer, etc. — Stockton, Calif.—Western States Gas & Electric Co., Chnl. and Sutter Sts., making plans improvements in San Joaquin Valley section, incl. 10,000 kw. rotary condenser, seven 333 kw. transformers, new gas plant, steel switching structure, and 2 high pressure line belt. Approximately $2,000,000.

Lighting Standards—Venice, Calif.—See "Streets and Roads."

BIDS DESIRED

Gas Container — New Britain, Conn. — New Britain Gas & Light Co., Pine St., taking bids 2,000,000 cu.ft. gas container for illuminating gas. $200,000. H. T. Sloper, mgr. Noted Jan. 15.

Pier Shed—New York, N. Y.—Feb. 11, by M. Cosgrove, comr. Docks, Pier A, foot Battery Pl., constructing pier shed and bulkhead shed for Pier 2, North River, Contr. 1847.

Sanitary Work, etc. — Randalls Island, N. Y.—Mar. 5, by Superintendent Purchase, Capitol, Albany, sanitary work, additional fire protection, etc., at New York House of Refuge, here; adv. E. N.-R. Feb. 5.

Boardwalk—Wildwood, N. J.—Feb. 17, by Bd. Comrs. City Hall, removing present boardwalk and reconstructing rein.-con. boardwalk. W. H. Boardman, 426 Walnut St., Phila., Pa., consult. engr.; adv. E. N.-R. Feb. 5.

Lighting System—Wilson, N. C.—Feb. 12, by S. R. Lucas, mayor and Bd. Comrs., extensions to lighting system. R. J. Grantham, supt.; adv. E. N.-R. Feb. 5.

Culverts — Kansas City, Kan. — See "Streets and Roads."

Estuary Tube — Oakland, Calif. — March 23, by Supervs. Alameda Co., constructing estuary tube. $4,200,000. G. A. Posey, Courthouse, engr.

Steel Scows—Ottawa, Ont.—Feb. 9, by S. E. O'Brien, secy. Dept. Pub. Wks., constructing and delivering 2 steel flat deck scows, in Quebec or Montreal Harbors.

BIDS RECEIVED

Heating and Plumbing—New York, N. Y.—See "Buildings—Commercial."

Subway—New York, N. Y.—Bd. Transportation, Municipal Bldg., Jan. 20, constructing subway Sect. 3, Route 78, from 122nd to 133rd Sts., from Rosoff Eng. Co., 152 West 42nd St., $4,600,000. Noted Jan. 1.

Street Lighting System—Turlock, Calif.—Street lighting system on various streets, from Osborn Electric Co., Pasadena, $66,900.

CONTRACTS AWARDED

Heating and Ventilating—Brooklyn, N. Y.—See "Buildings—Commercial."

Baseball Park—Pittsburgh, Pa.—Pittsburgh Athletic Co., Farmers Bank Bldg., general contract rein.-con. and steel addition to Forbes Field Baseball Park, Bouquet St., to J. H. Fetterman, Park Bldg. Engrs. est. $650,000.

Pipeline—South Carolina—Standard Oil Co., Peoples Bldg., Charleston, 42 in. c.i. pipe line from salt water pump house, Charleston to Cooper River, to Simons Mayrant Co., Mary St., Charleston.

Block Signal System — Tennessee and Georgia — Nashville, Chattanooga & St. Louis R.R. Co., 1000 Bway., Nashville, Tenn., will construct automatic block system from Chattanooga, Tenn., to Atlanta, Ga., by day labor. $500,000. H. McDonald, ch. engr.

Heating and Plumbing—Cairo, Ill.—See "Buildings—Commercial."

Street Lighting System — Los Angeles, Calif.—Bd. Pub. Wks., ornamental lighting system on Highland Ave., to Robertson Electric Co., 303 Main St., $60,954, on New Hampshire Ave. and Grand St., to D. S. McEwan, 127 Pier Ave., $3,600 and $2,566 respectively. Noted Jan. 22.

Raising Banks and Walls, etc. — Cornwall, Ont.—Dept. Pub. Wks., Ottawa, raising banks and canal lock walls on Cornwall Canal, to Fallon Bros., Cornwall, $28,789.

Material and Equipment

PROPOSED WORK

Sand—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, rejected bids Jan. 21, for 5,000 cu.yd. paving sand. Noted Jan. 29.

Trucks, Tractor and Trailer—Nashville, Tenn.—City plans to purchase 3 five ton trucks, 1 tractor and 1 five ton trailer. $15,500. W. W. Southgate, city engr.

Tractor—Parish, Tenn.—Henry Co. Court plans to purchase 5 ton caterpillar tractor. N. Alexander, supt. co. roads.

Street Sweeper — Lakewood (Cleveland P. O.) **O.**—Plans to purchase 1 street sweeper.

Tractor and Truck—Eau Claire, Wis.—Eau Claire Co. plans replacing one 15 ton tractor and one 4 wheel drive truck, recently destroyed by fire. G. Osborne, highway comr.

Tractor — Caledonia, Minn. — City soon takes bids one 10 ton tractor. E. J. Duffy, city clerk.

Truck—Eveleth, Minn.—S. M. Owens, city clk., plan to purchase, one ¾ ton truck for Street Dept., Old $1,200 tractor to be taken in on purchase.

Street Flusher and Truck — Wauwatosa, Wis.—City, c/o A. V. Brigham, city clk., soon takes bids 1 street flusher and 1 motor truck for hauling garbage and ashes, etc.

Cement Gun—Oakdale, Calif.—Oakdale Irrigation Dist., plans to purchase cement gun for canal lining. R. E. Hartley, ch. engr.

BIDS DESIRED

Iron Castings, etc.—Boston, Mass.—Feb. 16, iron castings, manhole, catch basins and lamphole frames and covers, catch basins, frames and grates, tide grates, iron inlets, regulator castings, etc. F. P. Rock, supt. Supply Dept.

Asphalt Sand—Brooklyn, N. Y.—Feb. 11, by J. A. Guider, boro. pres. Boro. Hall, 10,000 cu.yd. asphalt sand, 5,000 cu.yd. paving and concrete sand.

Broken Stone, etc.—Long Island City, N. Y.—Feb. 9, by M. E. Connolly, boro pres., Queens Subway Bldg., 28,000 cu.yd. broken stone and screenings; 15,000 tons steam ashes, in 1st, 2nd and 3rd Wards; 6,500 cu.yd. sand grit or broken stone chips; 600,000 gal. road oil; 1,300 tons asphaltic cement; 350,000 gal. asphalt macadam binder; 25,000 gals. asphalt for patching; 60,000 gal. fuel oil; 15,000 tons steam ashes in 4th Ward; 25,000 tons vitrified paving bricks; 50,000 wood and 100,000 asphalt paving blocks; 864 ft. 12 in. iron pipe.

Sand Grit, etc.—New York, N. Y.—Feb. 10, by H. Bruckner, pres. Bronx Boro., 3rd and Tremont Aves., 9,000 cu.-yd. sand grit; 1,500 tons asphaltic cement; 5,000 bags Portland cement; 750,000 gal. bituminous road surfacing material; 700 tons inorganic dust; 150,000 gal. tar for patching; 1,000 cu.yd. concrete and paving sand; 7,500 cu.yd. binder stone; 300,000 gal. bituminous road surfacing material; 500 cu.yd. ¾ in. paving gravel; 10,000 cu.yd. steam boiler ashes; 10,000 cu.yd. asphalt sand; 4,000 cu.yd. 1½ in. waterbound macadam; 75 tons pitch for joint filler.

Crushed Stone—Pennsylvania—Feb. 10, by State Dept. Hys. Harrisburg, crushed stone for maintenance work in various counties.

Snow Plows — Delaware — Feb. 16, by State Hy. Dept., Dover, 3 snow plows; adv. E. N.-R. Feb. 5.

Lead — Baltimore, Md. — See "Waterworks."

Gravel — Louisiana — See "Streets and Roads."

Generator, etc. — New Orleans, La. — Feb. 10, by E. Egan, supt. New Basin Canal & Shell Rd. Bd., Howard and South Rampart Sts., 1 direct generator driven by gasoline engine, 1,250 Watts, 110 volts, also one 225 hp. six cylinder fuel Diesel engine, etc. $50,000.

Steam Shovel—Cleveland, O.—Erie Excavating Co., 1010 Eddy St., taking bids for 1 medium sized steam shovel. B. Udelson, mgr.

Road Equipment—Michigan—Feb. 9, by Macomb Co. Rd. Comn., Mt. Clemens, furnishing following road equipment: four 8 ton industrial gasoline locomotives, 75 steel platform cars, 2 double track platform cars, 7½ mi. 24 in. gauge, 1 light power grader, 1 back finisher, one 30 ft. finisher, one 30 ft. subgrader, etc.

Sand, etc. — Michigan — Feb. 10, by Macomb Co. Rd. Comn., Mt. Clemens, furnishing 25,000 tons sand, 50,000 tons pebbles, 62,500 bbl. cement, 23,785 lb. reinforcing steel, etc.

Asphalt, Sand, Stone, etc.—Detroit, Mich.—Feb. 19, by F. M. Meyer, comr. Purchases & Supplies, 710 Marquette Bldg., 110,000 cu. yd. asphalt sand, 75,000 cu.yd. binder stone and 18,000 tons mineral filler. G. Jerome, City Hall, engr.

Snow Plow—Antigo, Wis.—Langlade Co., C. Olsen, highway comr., taking bids snow plow. $1,850 appropriated. Noted Nov. 27.

Road Tile—Oshkosh, Wis.—Feb. 11, Bd. Pub. Wks., 100,000 gal. road tile. G. Randall, city engr.

Road Oil—Sparta, Wis.—Feb. 14, by W. E. Bernett, street comr., 50,000 gal. No. 5 road oil, having 50 to 60% asphaltic content.

Road Oil—Watertown, Wis.—Feb. 11, by F. S. Weber, city clk., 120,000 gal. road oil, 50 to 60% asphaltic content. Noted Jan. 29.

Tractor—Lake Andes, S. D.—Feb. 11, by C. H. Robertson aud. Charles Mix Co., 1 tractor engine for road construction purposes.

Diesel Oil Engine — Wellington, Tex. — Feb. 16, by C. B. Myers, city clk., 400 hp. Diesel oil engine generator unit, complete with exciter, switchboard and power wiring, for city light plant. $45,000. L. J. Leffitt, Wellington, engr.

BIDS RECEIVED

Ties and Timber—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Jan. 30, 17,000 ft. ties and timber for construction of Rapid Transit R.R., from Robinson Lumber Co., 52 Vanderbilt Ave., $13,247. Noted Jan. 22.

Cement—Tracy, Calif.—W. Schlossman, secy. Banta-Carbona Irrigation Dist., from Cowell Lime & Cement Co., 2 Market St., San Francisco, 7,500 bbls. cement delivered Tracy at $2.73 per bbl. Carbona $2.75, Yarmouth $2.78, Fitz $2.75, and Lyoth $2.75.

CONTRACTS AWARDED

Cement, Gravel, etc.—Brooklyn, N. Y.—J. A. Guider, boro pres., Boro Hall, 8,000 bbl. Portland cement, to M. M. Canda, 184 3rd St., $21,960; 4,000 cu.yd. gravel or broken stone, and 2,000 cu.yd. sand grit, to B. Turecamo Contg. Co., 8706 Bay 12th St., $9,400 and $4,080 respectively; 80,000 gal. asphaltic macadam binder, to Standard Oil Co., 26 Bway., New York City, $12,000; 500,000 gal. asphalt road oil, to Texas Co., 17 Battery Pl., New York City, $31,180; 400,000 gal. asphaltic cement, to Warner-Quinlan Co., 79 Wall St., New York City, $26,280; 2,000 net tons limestone, to New York Trap Rock Co., 101 Park Ave., New York City, $13,940; 300 tons paving pitch, to Barrett Co., 17 Battery Pl., New York City, $7,650; 4,000 cu.yd. binder stone, to Calvin Tompkins Co., 30 Church St., New York City, $9,220. Noted Jan. 29.

Road Machinery—Jefferson, Wis.—R. D. Royce, Fort Atkins, highway comr., four graders to Austin-Western Road Machinery Co., 400 North Michigan Blvd., Chicago, Ill., twenty-four slip scrapers to Whitewater Constr. Co., Whitewater, and 8 doz. shovels and two doz. bits to Whitewater Bridge Co., Whitewater. Noted Jan. 15.

Coal Loader—Two Harbors, Minn.—City furnishing coal loader with gas driven motor and electric motor to W. H. Ziegler Co., 425 South 5th St., Minneapolis, $2,640, f.o.b. Aurora, Ill. Noted Jan. 8.

OFFICIAL PROPOSALS

Bids: Feb. 19

Sewers

Dover, N. J.

The Sewer Committee of the Mayor and Board of Aldermen of the Town of Dover, N. J., will receive, at a meeting to be held in the Council Chambers in the Municipal Building, North Sussex Street, Dover, N. J., on Thursday, February 19th, 1925, at two o'clock p.m., sealed proposals for furnishing materials and doing all the necessary work required for the construction of all house connections to the sewer system in Blackwell Street, Dover, between the railroad viaduct in West Blackwell Street and the White bridge over the Rockaway River in East Blackwell Street, as the Mayor and Board of Aldermen of the Town of Dover may determine to construct.

The work includes excavating and pipe laying where required, and all other work incidental thereto, and must be done and performed at the places designated by the Mayor and Board of Aldermen and according to specifications prepared by Clyde Potts, Engineer, which specifications may be seen at the office of the Clerk of the Town of Dover, Municipal Building, or at the office of Clyde Potts, 30 Church Street, New York City.

Each bid must be accompanied by a certified check for Eight Thousand Dollars ($8,000.00), payable to the order of John Moller, Treasurer, Town of Dover. Each bid must also be accompanied by a certificate from a reliable bond company, stating that it will furnish the bidder with a bond in the amount and for the purpose required in the specifications.

The Mayor and Board of Aldermen of the Town of Dover reserve the right to reject any and all proposals and to waive any informality in the proposals received and to accept any proposal which they deem to be most favorable to the interests of the Town.

The successful bidder will be required to enter into a bond to and in the form approved by the Mayor and Board of Aldermen of the Town of Dover for the faithful performance of the contract.

By order of the Mayor and Board of Aldermen of the Town of Dover.

JOSEPH V. BAKER,
Town Clerk

Dated January 29, 1925.

Bids: Feb. 12.

Lighting System Extensions

Wilson, N. C.

Sealed bids will be received by the Mayor and Board of Commissioners of the Town of Wilson, North Carolina, for the above work, until 4 o'clock p.m. of February 12th, 1925, when they will be opened and publicly read at the Mayor's office.

The extensions will consist of materials covered by items specifically set out in specifications on file at the office of the Supt. of the electric light department of the Town of Wilson, and work enumerated therein, which plans and specifications and contract forms may be obtained by applying to the undersigned.

Proposals must be sealed and properly addressed to either of the undersigned, Wilson, North Carolina.

Each bid must be accompanied by a certified check or bidders bond in the amount of 5% of the amount bid as evidence of good faith on the part of the bidder.

The right is reserved to reject any or all bids or to accept any which may seem to be to the best interest of the Town of Wilson.

SILAS R. LUCAS,
Mayor.
R. J. GRANTHAM,
Supt.

Bids: March 2.

Dredging

Ithaca, N. Y.

Sealed bids will be received until 10 a.m., March 2, 1925, by C. D. Bostwick, Comptroller, Cornell University, Ithaca, New York for about 100,000 cu.yd. of hydraulic dredging of Beebe Lake, Ithaca, New York.

Until the same hour and date sealed bids will be received by W. O. Kerr, City Clerk, Ithaca, New York for 100,000 cu.yd. of hydraulic dredging at the south end of Cayuga Lake, Ithaca, New York..

Full particulars for bids may be obtained by addressing the above named parties. The right is reserved to reject any and all bids.

January 29, 1925.

Bids: Mar. 5.

Sanitary Work, Additional Fire Protection, etc.

NEW YORK HOUSE OF REFUGE
Randall's Island, N. Y.

Sealed proposals for Sanitary Work, Additional Fire Protection, (Piping System, Pumping Equipment, New Addition to Power House, etc.), New York House of Refuge, Randall's Island, N. Y., will be received by the Superintendent of Purchase, Capitol, Albany, N. Y., until 3 o'clock p.m., on Thursday, March 5, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed and shall be accompanied by a deposit as a guarantee that bidder will enter into contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to five per cent (5%) of the amount of the bid. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4308. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the New York House of Refuge, Randall's Island, New York, at the New York office of the Department of Architecture, 18th Floor, Fuller Building, Broadway and 23d St.; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y.

Dated: January 27, 1925.

Bids: March 5.

Construction, Heating, Sanitary and Electric Work

Hudson, N. Y.

Sealed proposals for construction, heating, sanitary and electric work, reconstruction of industrial building, New York State Training School for Girls, Hudson, N. Y., will be received by the Superintendent of Purchase, Capitol, Albany, N. Y., until 3 o'clock p.m., Thursday, March 5, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorported bank in this State and made payable to the State of New York, or money, in an amount equal to five per cent (5%) of the amount of proposal. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specifications Nos. 4322, 4323, 4324 and 4325. The right is reserved to reject any or all bids. Drawings and specifications may be examined at New York State Training School for Girls, Hudson, N. Y., at the New York Office of the Department of Architecture, 18th Floor, Fuller Building, Broadway & 23rd St.; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon request.

Dated: January 21, 1925.

Bids: Feb. 27.

State Highway Work

Harrisburg, Pa.

Pennsylvania Department of Highways, Harrisburg, Pa. Bids will be received February 27, 1925, for construction of fifteen projects, totaling seventy-two miles, construction to be either bituminous surface on a concrete base or reinforced concrete. Projects situated in the following counties:

Allegheny, Berks, Cameron, Elk, Carbon, Centre, Crawford, Dauphin, Greene, Indiana, Luzerne, McKean, Montgomery, Susquehanna, Westmoreland.

Full particulars upon application to W. H. Connell, Engineering Executive and Deputy Secretary of Highways, Harrisburg, Pennsylvania.

Bids: Feb. 24.

Elevated Steel Water Tank

Sea Girt, N. J.

Notice is hereby given that sealed bids will be received by the Borough Council of the Borough of Sea Girt for furnishing all labor and material for the erection of an elevated steel water tank of 150,000 gallons capacity with steel tower and all appurtenances complete in place ready for operation at the Borough Pumping Station; concrete tower foundations will be constructed by the Borough. Bids will be opened publicly at the Municipal Building, Sea Girt, N. J., on Tuesday, February 24, 1925 at 8 p.m.

Specifications and proposal form are on file at the office of the Borough Clerk at Sea Girt, N. J., where they may be examined by prospective bidders. Specifications and proposal forms will be furnished to bidders upon request after proper notice accompanied with a deposit of five dollars, by G. Roland Moore, C. E., Asbury Park Trust Company Building, Asbury Park, N. J.

Bids must be made on the standard proposal form in the manner designated therein and as required by the specifications. They must be presented to the Borough Council at the time and place aforementioned in sealed addressed envelopes bearing the name and address of the bidder, and the notation "Bid on Elevated Steel Water Tank." Bids must be accompanied by a certified check drawn to the order of the Borough Collector of Sea Girt for one thousand dollars ($1,000).

The right is reserved to reject any or all bids.

By order of the Borough Council of the Borough of Sea Girt, N. J.
G. ROLAND MOORE, C. E.,
Attest:

F. H. RUDDEROW, Mayor
C. A. BOND, JR., Borough Clerk

Bids: Feb. 21.

Water Works Improvements

Paintsville, Ky.

The City of Paintsville, Ky., will receive bids until 12 o'clock noon on the 21st day of February, 1925, for COMPLETE PUMPING STATION, FILTER PLANT, MOTOR DRIVEN CENTRIFUGAL PUMPS, STEEL STORAGE RESERVOIR, DISTRIBUTION MAINS, AND APPURTENANCES.

Plans, specifications and bidding blanks can be obtained from The J. N. Chester Engineers, Union Bank Building, Pittsburgh, Pennsylvania, or from the City Clerk at Paintsville, Kentucky, on deposit of Twenty-five Dollars ($25.00), which will be returned upon the return of said plans and specifications in good condition.

J. N. MEEK, Mayor.

Bids: March 4.

State Hospital Work

Willard, N. Y.

Sealed proposals for Automatic Fire Sprinklers, Willard State Hospital, Willard, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 3 o'clock p.m., on Wednesday, March 4th, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York, or money equal to five per cent (5%) of the amount of the bid. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4443. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Willard State Hospital, Willard, N. Y., at the New York Office of the Department of Architecture, 18th Floor, Fuller Building, Broadway and 23rd St.; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y.

Dated: January 31st, 1925.